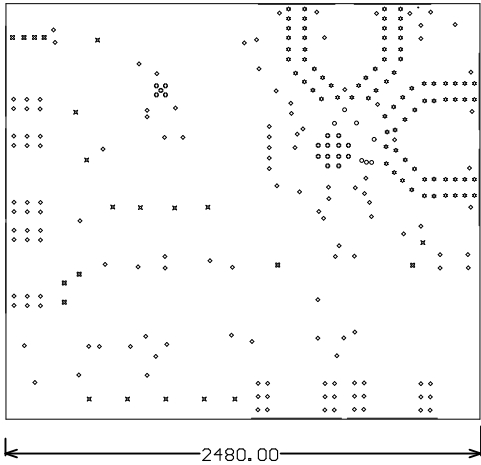


Symbol	Quantity	Finished Hole Size	Plated	Hole Type	Drill Layer Pair	Hole Tolerance
⊕	17	7.87mil (0.200mm)	PTH	Round	Top Layer - Bottom Layer	
○	7	8.00mil (0.203mm)	PTH	Round	Top Layer - Bottom Layer	
◇	138	10.00mil (0.254mm)	PTH	Round	Top Layer - Bottom Layer	
⊗	9	13.00mil (0.330mm)	PTH	Round	Top Layer - Bottom Layer	
☆	80	16.00mil (0.406mm)	PTH	Round	Top Layer - Bottom Layer	
⊠	13	63.00mil (1.600mm)	PTH	Round	Top Layer - Bottom Layer	
	264 Total					

Layer	Name	Material	Thickness	Constant	
1	Top Overlay				
2	Top Solder	Solder Resist	0.40mil	3.5	
3	Top Layer	Copper	1.40mil		
4	Dielectric1	Rogers4003C	16.00mil	3.38	
5	GND	Copper	1.40mil		
6	Dielectric 3	FR4	23.00mil	4.6	
7	Power	Copper	1.40mil		
8	Dielectric 2	FR4	16.00mil	4.6	
9	Bottom Layer	Copper	1.40mil		
10	Bottom Solder	Solder Resist	0.40mil	3.5	
11	Bottom Overlay				

DESIGN INFORMATION	
BOARD SIZE (REFER ALSO ARRAY/PANEL PROFILING INFORMATION)	
2170MIL X 2480MIL	
Number of Layers : 4	
MIN. TRACK WIDTH: 6 MIL	
MIN. CLEARANCE: 6 MIL	
MIN. VIA PAD SIZE: 15 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:	
<input type="checkbox"/> FR-408 <input type="checkbox"/> FR4 High Tg <input checked="" type="checkbox"/> R04003C	
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 type="checkbox"/> WHITE <input checked="" type="checkbox"/> OTHER BLACK	
SOLDER RESIST COLOR:	
<input type="checkbox"/> GREEN <input type="checkbox"/> BLUE <input checked="" type="checkbox"/> OTHER WHITE	
SURFACE FINISH: <input checked="" type="checkbox"/> IMMERSION GOLD (ENIG) <input type="checkbox"/> ENEPIG	
<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 checked="" type="checkbox"/> N.C. ROUTE <input 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 checked="" 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 UL: <input type="checkbox"/> RAIL <input type="checkbox"/> METAL <input checked="" type="checkbox"/> SILK	
Notes: Not put solder on UI (LMX2592 IC) footprint if IC is not installed.	

28.5 mil width on top layer should be controlled 50 ohms +/- 5%.



NO BURR ALLOWED ON THESE 2 SIDES OF THE FABRICATION.



PROJECT TITLE:	
LMX2594/2595/2572/2572LPEUM	
DESIGNED FOR:	
Public Release	
FILE NAME:	
SV601308C.PcbDoc	
ENGINEER:	LAYOUT BY:
Dean Banerjee	Dean Banerjee
SCALE: 1.00	ALTUM DESIGNER VERSION:
	17.1.5.472



ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: SU601308	REV: C	SUN REV: Not In VersionControl
LAYER NAME = 06059-1308	TID #: N/A		
PLOT NAME = Fabrication Drawing	GENERATED : 5/4/2018 11:08:25 PM	TEXAS INSTRUMENTS	

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