

A

A

B

B

C

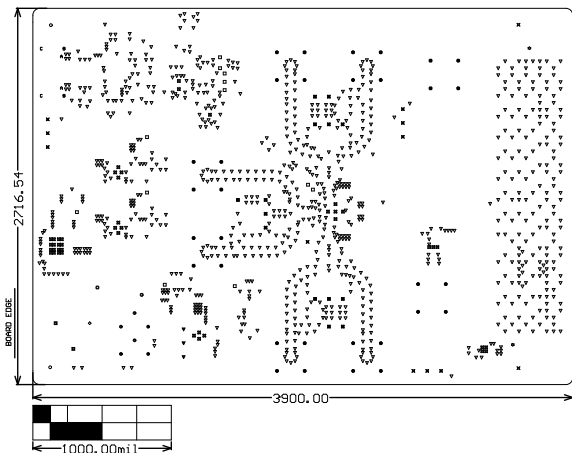
C

D

D

[illegible]

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



ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: DC134	REV: G1	SUN REV: 0ac6a9ec657cde65a76306018385d967ccb8229 [Locally Modified]
LAYER NAME = 06050001 Dimensions			
PLOT NAME = Fabrication Drawing	GENERATED : 3/29/2025 7:31:48 AM		TEXAS INSTRUMENTS

Layer	Name	Material	Thickness	Constant	Board Layer	Stack
	Top Overlay					
	Top Solder	Solder Resist	0.40mil	3.5		
1	Top Layer		1.40mil			
	Dielectric 1	FR408HR	5.00mil	3.62		
2	L2 GND	CF-004	1.40mil			
	Dielectric 3	FR408HR	3.20mil	3.46		
3	L3 PWR	CF-004	1.40mil			
	Dielectric 5	FR408HR	3.00mil	3.6		
4	L4 GND	CF-004	1.40mil			
	Dielectric 7	FR408HR	9.20mil	3.68		
5	L5 SIG	CF-004	1.40mil			
	Dielectric1	FR408HR	6.40mil	3.46		
6	L6 GND	CF-004	1.40mil			
	Dielectric 8	FR408HR	9.20mil	3.68		
7	L7 GND	CF-004	1.40mil			
	Dielectric 6	FR408HR	3.00mil	3.6		
8	L8 PWR	CF-004	1.40mil			
	Dielectric 4	FR408HR	3.20mil	3.46		
9	L9 GND	CF-004	1.40mil			
	Dielectric 2	FR408HR	5.00mil	3.62		
10	Bottom Layer		1.40mil			
	Bottom Solder	Solder Resist	0.40mil	3.5		
	Bottom Overlay					

Total board thickness:	62.00mil
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10 Feb Notes		DESIGN INFORMATION	
MIN. TRACK WIDTH: <u>5</u> MIL MIN. CLEARANCE: <u>5</u> MIL MIN. VIA PAD SIZE: <u>18</u> MIL MINIMUM ANNULAR RING 0.05mm (2ML) EXTERNAL PER IPC-D-275 CLASS 2 LEVEL C REGISTRATION TOLERANCES: METAL +/- <u>5</u> MIL, HOLES +/- <u>3</u> MIL HOLE SIZE TOLERANCE (UNLESS OTHERWISE SPECIFIED): +/- <u>3</u> MIL			
MATERIAL: <input type="checkbox"/> HYBRID STACKUP <input checked="" type="checkbox"/> UNIFORM STACKUP <input checked="" type="checkbox"/> ISOLA FR408HR <input type="checkbox"/> Megtron 4 <input checked="" type="checkbox"/> ISOLA I-Speed <input type="checkbox"/> Megtron6 <input checked="" type="checkbox"/> ISOLA MT-40 <input checked="" type="checkbox"/> Nelco MW-1000 <input type="checkbox"/> OTHER _____			
THICKNESS: <input checked="" type="checkbox"/> 62 MIL (1.6mm) +/-10% <input type="checkbox"/> OTHER 92 MIL +/-10% 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 +/- _____			
DRILLING: REFERENCE: <input checked="" type="checkbox"/> AS SHOWN <input checked="" type="checkbox"/> NC DRILL FILES PTH COPPER THICKNESS: <input checked="" type="checkbox"/> 20-30 um <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 checked="" type="checkbox"/> GREEN <input type="checkbox"/> OTHER RED <input checked="" type="checkbox"/> MATTIE <input type="checkbox"/> SEMI-GLOSS			
SURFACE FINISH: <input checked="" type="checkbox"/> IMMERSION GOLD (ENIG) <input type="checkbox"/> ENERPIG <input type="checkbox"/> IMM. TIN/SILVER OR EQUIV <input type="checkbox"/> HARD GOLD (30u) <input type="checkbox"/> OTHER _____			
ARRAY/PANEL: <input type="checkbox"/> CUT AND TRIM PER M1 BOARD OUTLINE <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"/> RoHS <input type="checkbox"/> OTHER _____ PER ORDER			
ALL BOARDS MUST MEET OR EXCEED UL94-V0 REQUIREMENTS. PCB MUST BEAR THE UL94V-0 UL REGISTERED MATERIAL ID NUMBER			
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			
<h2 style="margin: 0;">FAB INSTRUCTIONS</h2>			
<input checked="" type="checkbox"/> 16 MIL & SMALLER VIAS REQUIRE NON-CONDUCTIVE FILL AND PLAINWAZE <input checked="" type="checkbox"/> OUTER LAYER TRACKS 9.7 MIL WIDE REQUIRE 50 OHM SINGLE-ENDED IMPEDANCE <input checked="" type="checkbox"/> OUTER LAYER TRACKS 5.2 MIL WIDE WITH 4 MIL AIR GAP REQUIRE 100 OHM DIFFERENTIAL IMPEDANCE <input type="checkbox"/> INNER LAYER XX & XX TRACKS XX MIL WIDE REQUIRE 50 OHM SINGLE-ENDED IMPEDANCE <input type="checkbox"/> INNER LAYER TRACKS XX MIL WIDE WITH XX MIL SPACE REQUIRE 100 OHM DIFFERENTIAL IMPEDANCE <input type="checkbox"/> NO PULL-BACK ON COPPER FEATURES TO EDGE OF THE BOARD			
<div style="display: inline-block; vertical-align: middle;"> <h2 style="margin: 0;">TEXAS INSTRUMENTS</h2> </div>			
PROJECT TITLE: ADC3664EUM			
DESIGNED FOR: Public Release			
FILE NAME: ADC3664EUM_PcbDoc			
ENGINEER: GBR		LAYOUT BY: GBR	
SCALE: 1.00		ALTIM DESIGNER VERSION: 24.7.2.38	