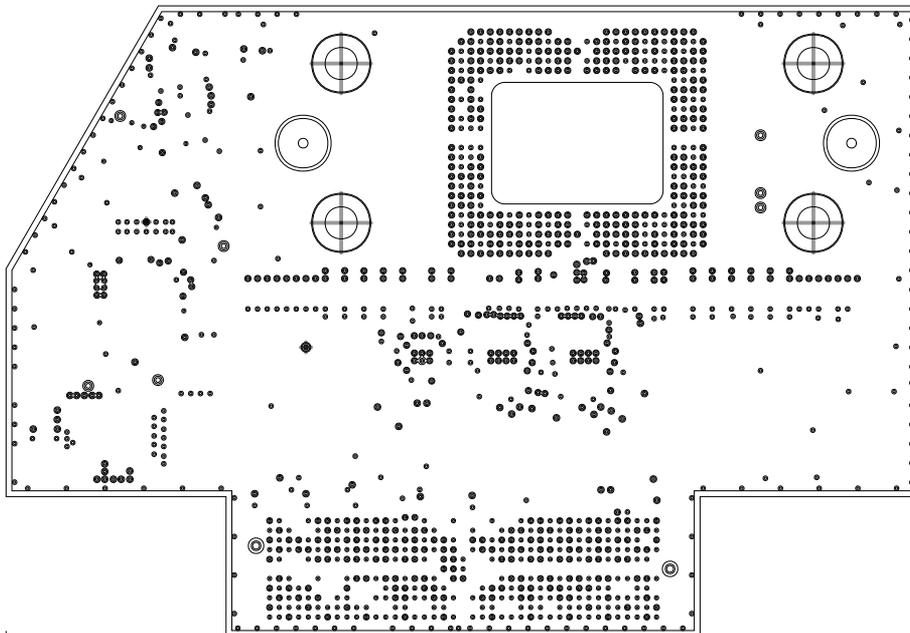


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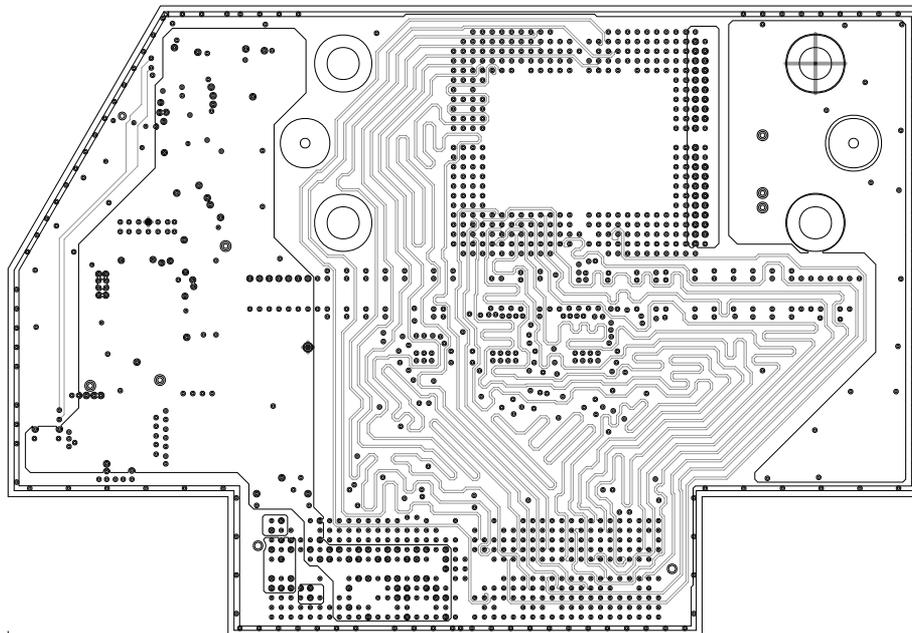
CUSTOMER NAME : TEXAS INSTRUMENTS			
BOARD NAME DLP660TE_Board_Rev1		DESCRIPTION ASSEMBLY 01_TOP	
PAC-NUM-305-PD-23-0225	REV - 1	DATE MAR-2023	



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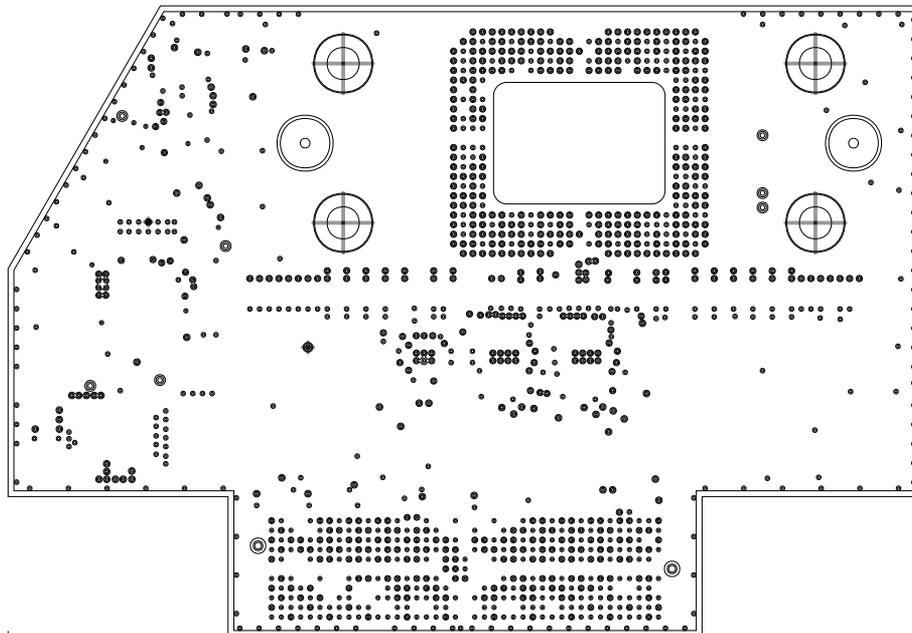
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BOARD NAME DLP660TE_Board_Rev1		DESCRIPTION 02_GND1	
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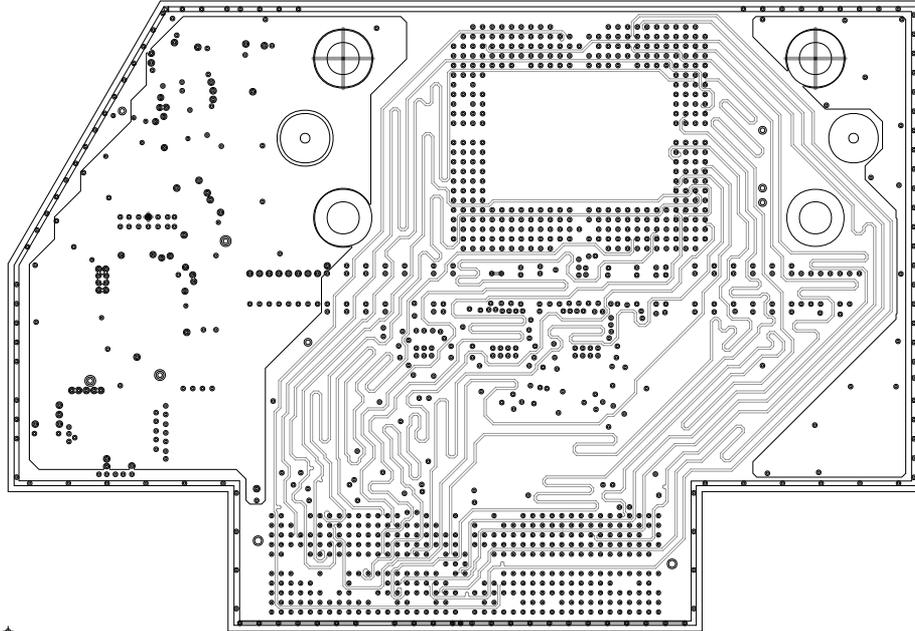
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BOARD NAME DLP660TE_Board_Rev1		DESCRIPTION 03_SIG1	
PAC-NUM-305-PD-23-0225	REV - 1	DATE MAR-2023	



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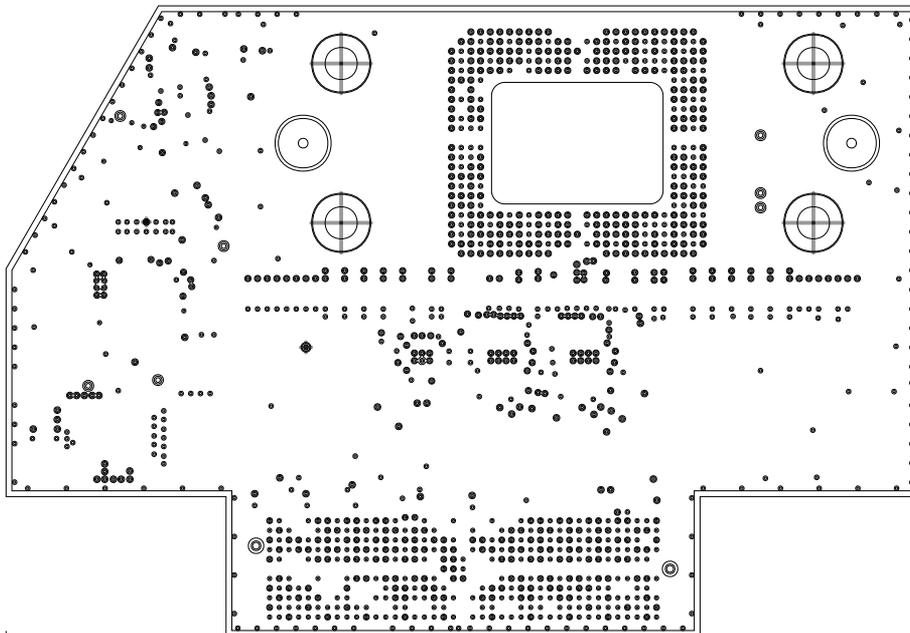
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BOARD NAME DLP660TE_Board_Rev1		DESCRIPTION 04_GND2	
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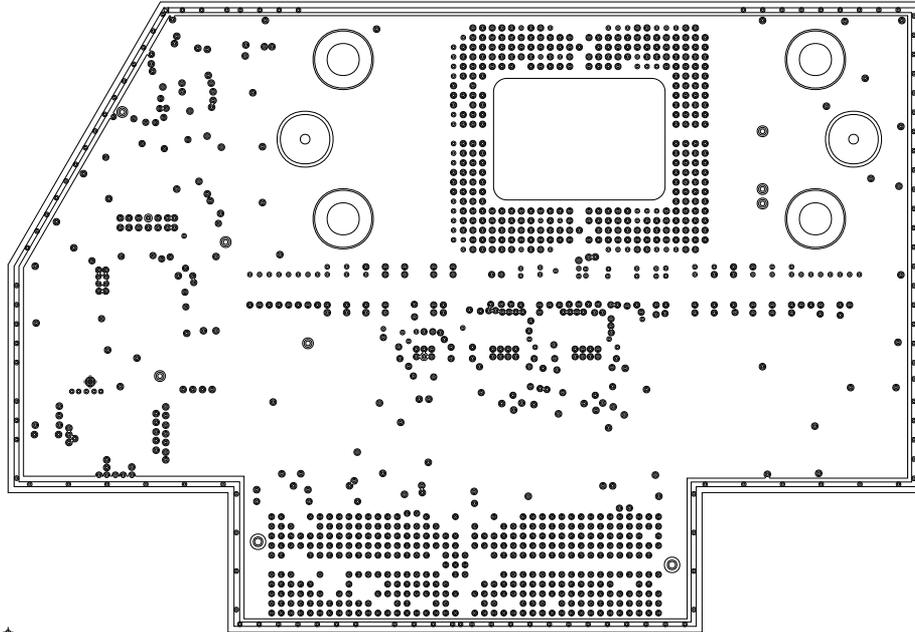
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CUSTOMER NAME : TEXAS INSTRUMENTS			
BOARD NAME DLP660TE_Board_Rev1		DESCRIPTION 10_SIG5	
PAC-NUM-305-PD-23-0225	REV - 1	DATE MAR-2023	



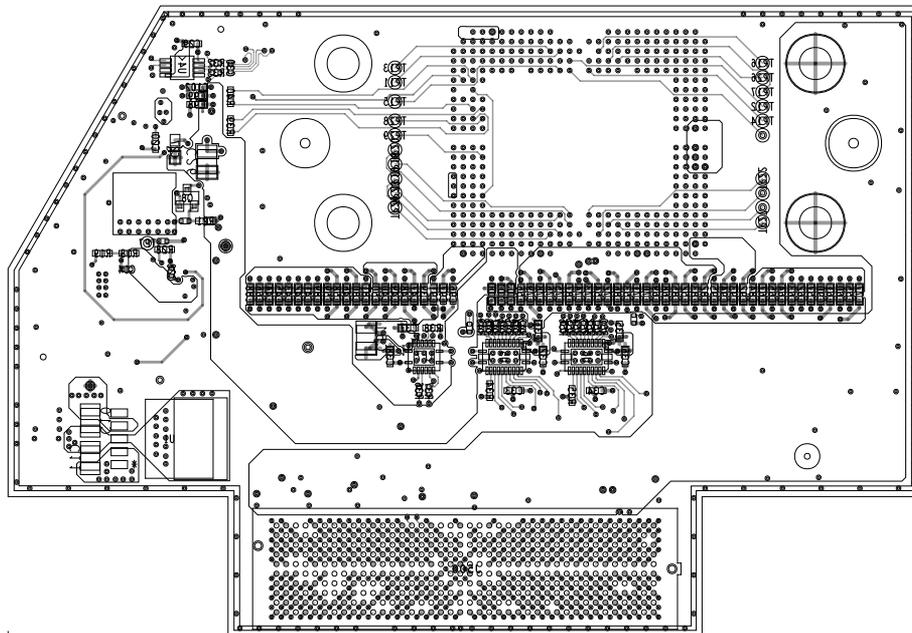
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BOARD NAME DLP660TE_Board_Rev1		DESCRIPTION 13_GND5	
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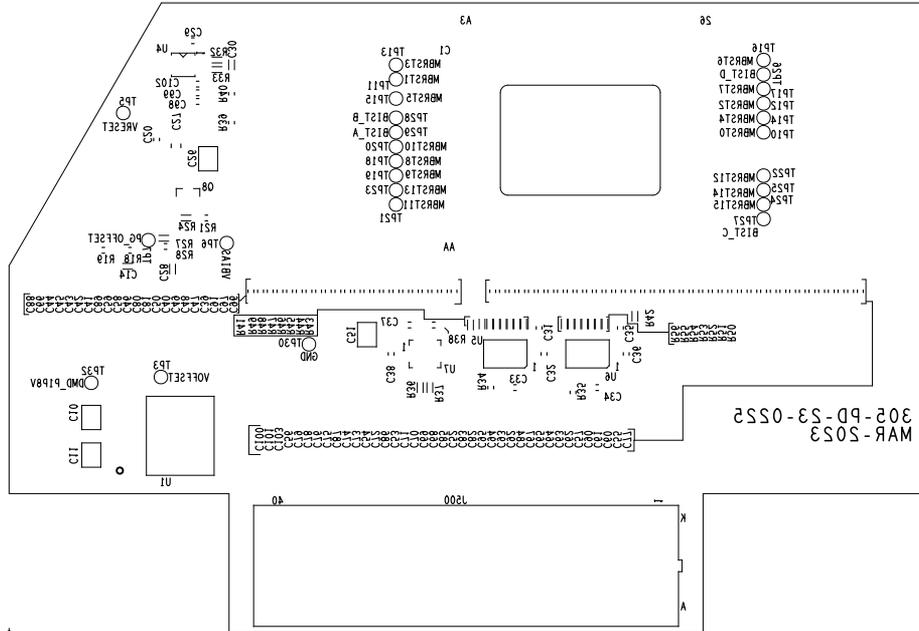


CUSTOMER NAME : TEXAS INSTRUMENTS			
BOARD NAME DLP660TE_Board_Rev1		DESCRIPTION 09_PWR	
PAC-NUM-305-PD-23-0225	REV - 1	DATE MAR-2023	

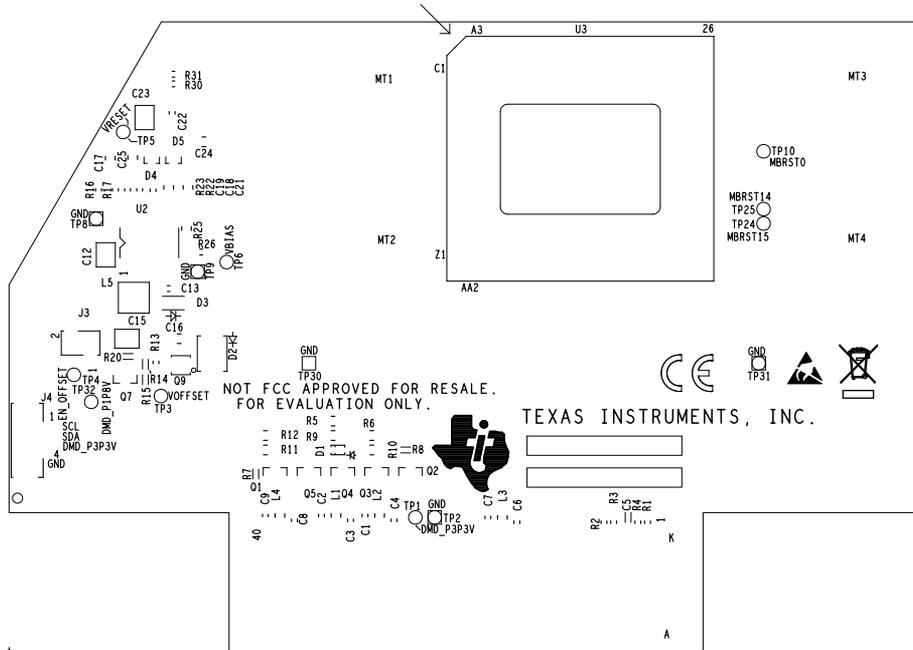


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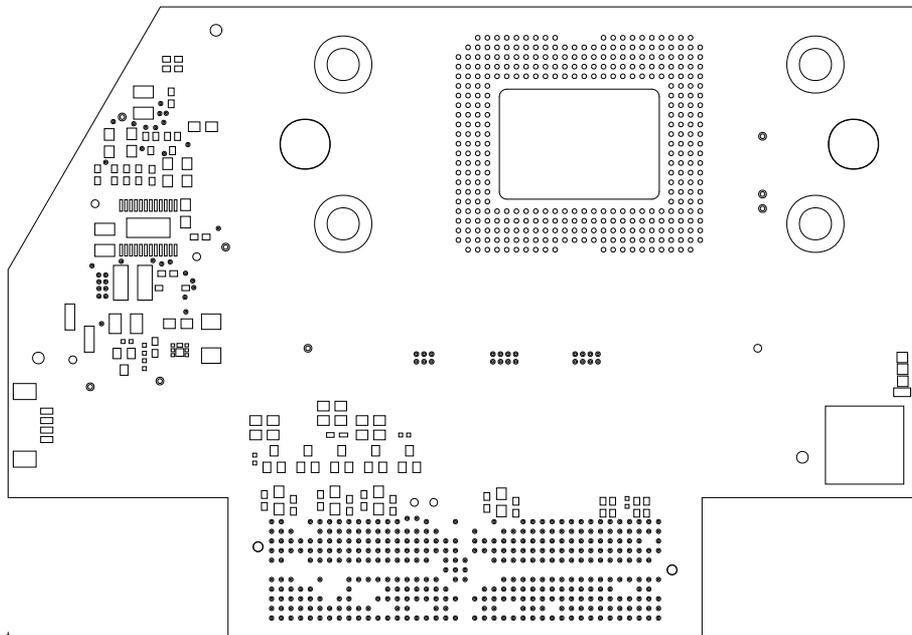
CUSTOMER NAME : TEXAS INSTRUMENTS			
BOARD NAME DLP660TE_Board_Rev1		DESCRIPTION 14_BOTTOM	ASSEMBLY
PAC-NUM-305-PD-23-0225	REV - 1	DATE MAR-2023	



CUSTOMER NAME : TEXAS INSTRUMENTS			
BOARD NAME DLP660TE_Board_Rev1		DESCRIPTION SILK-BOTTOM	
PAC-NUM-305-PD-23-0225	REV - 1	DATE MAR-2023	



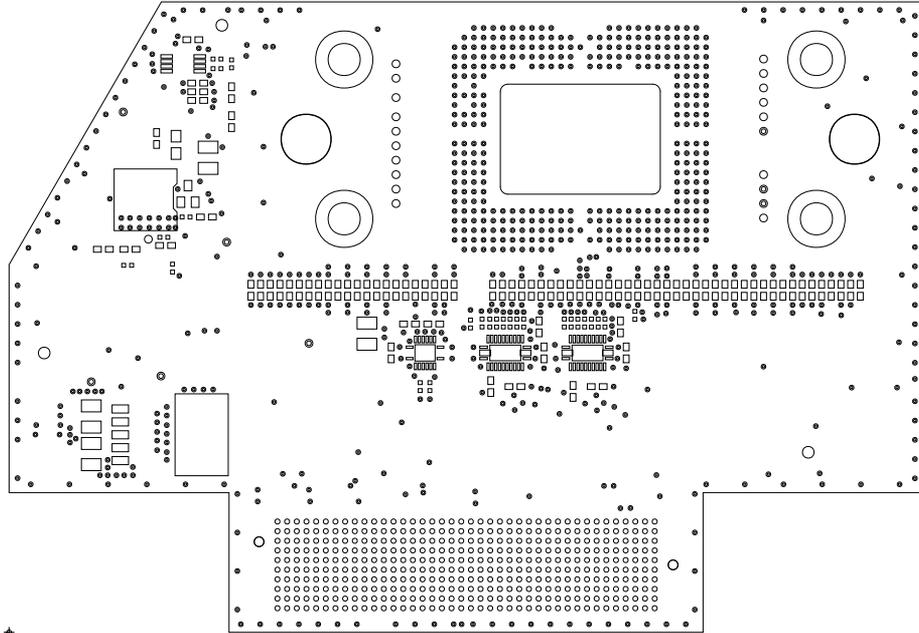
CUSTOMER NAME : TEXAS INSTRUMENTS			
BOARD NAME DLP660TE_Board_Rev1		DESCRIPTION SILK-TOP	
PAC-NUM-305-PD-23-0225	REV - 1	DATE MAR-2023	



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CUSTOMER NAME : TEXAS INSTRUMENTS			
BOARD NAME DLP660TE_Board_Rev1		DESCRIPTION MASK - TOP	
PAC-NUM-305-PD-23-0225	REV - 1	DATE MAR-2023	

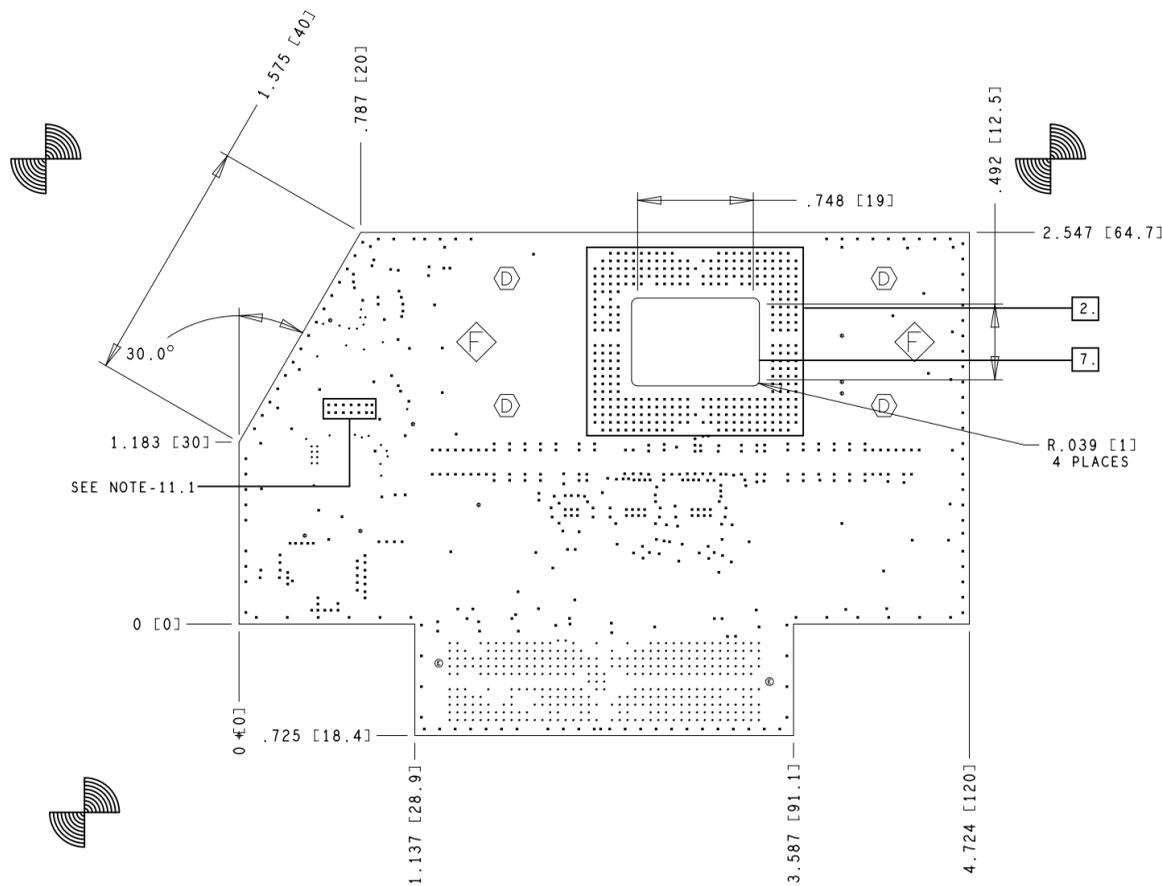


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CUSTOMER NAME : TEXAS INSTRUMENTS			
BOARD NAME DLP660TE_Board_Rev1		DESCRIPTION MASK-BOTTOM	
PAC-NUM-305-PD-23-0225	REV - 1	DATE MAR-2023	

DRILL CHART: TOP to BOTTOM				
ALL UNITS ARE IN MILS				
FIGURE	SIZE	TOLERANCE	PLATED	QTY
.	10.0	+3.0/-10.0	PLATED	385
.	12.0	+3.0/-12.0	PLATED	822
.	24.0	+3.0/-3.0	PLATED	8
D	166.0	+3.0/-3.0	PLATED	4
•	50.0	+2.0/-0.0	NON-PLATED	2
F	256.0	+3.0/-3.0	NON-PLATED	2



CUSTOMER NAME : TEXAS INSTRUMENTS			
BOARD NAME		DESCRIPTION	
DLP660TE_Board_Rev1		FAB	
PAC-NUM-305-PD-23-0225	REV-1	DATE	
		MAR-2023	

**FAB NOTES:**

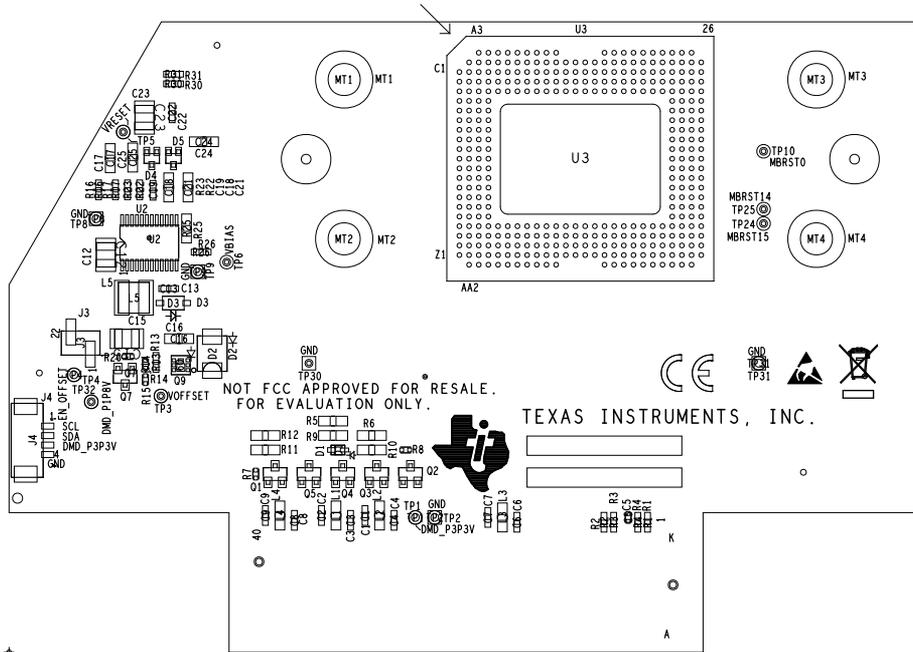
- ALL DIMENSIONS ARE IN INCHES[MM], UNLESS OTHERWISE NOTED. ALL BOARD OUTLINE DIMENSION TOLERANCES ARE +/- .010"
- THE PWB SHALL BE FABRICATED TO IPC-6012, CLASS 2 AND WORKMANSHIP SHALL CONFORM TO IPC-A-600, CLASS 2. CURRENT REVISIONS.
- BOARD MATERIAL - REFER STACKUP  
RoHS COMPLIANT AND LEAD FREE ASSEMBLY CAPABLE. BOARD MATERIAL SHALL MEET OR EXCEED IPC-4101B. COLOR: NATURAL.
- ALL BOARDS MUST MEET OR EXCEED UL94V - 0 REQUIREMENTS. PCB MUST BEAR THE UL94V - 0 UL REGISTERED MATERIAL ID NUMBER.
- NO VENDOR LOGO, ART WORKS SHOULD NOT BE CHANGED WITHOUT PRIOR APPROVAL FROM TEXAS INSTRUMENTS
- MINIMUM COPPER WALL THICKNESS OF PLATED-THRU HOLES TO BE .001 INCH, WITH A MINIMUM ANNULAR RING OF .001 INCH.
- OVERALL BOARD THICKNESS TO BE .092 +/- 10% AND APPLIES AFTER ALL LAMINATION AND PLATING PROCESSES, MEASURED FROM COPPER TO COPPER.
- MAX. WARP & TWIST TO BE .0075 INCHES PER INCH.
- BOARD MUST BE ELECTRICALLY TESTED USING SUPPLIED IPC-D-356 NETLIST.
- ALL HOLES IN DRILL CHART ARE FINISHED HOLE SIZES (FHS).

**PROCESS NOTES:**

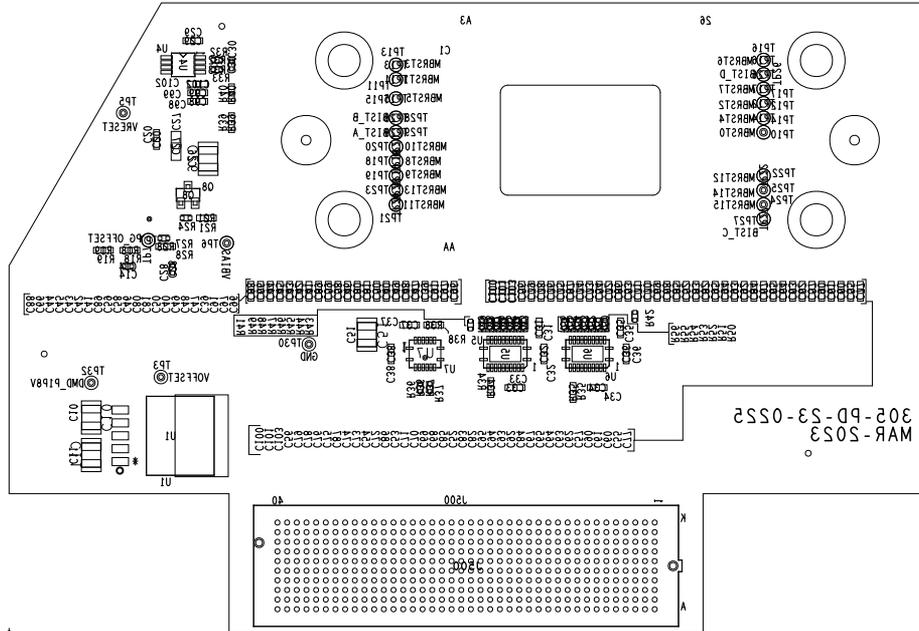
- EXCEPT AS NOTED IN NOTE 2, PLATE ALL EXPOSED AREAS WITH ELECTROLYTIC IMMERSION GOLD, NICKEL 100 MICROINCHES THK GOLD 2-6 MICROINCHES THK MIN.
- PLATE INDICATED PAD AREAS WITH 150 MICROINCHES MIN. LOW STRESS NICKEL UNDER 5-15 MICROINCHES GOLD HAVING A HARDNESS OF KNOOP14.
- APPLY LPI SOLDERMASK OVER BARE COPPER (SMOBC). COLOR: BLUE. SOLDERMASK SHALL CONFORM TO IPC-SM-840, CLASS H. CURRENT REV.
- SOLDERMASK ARTWORK HAS ZERO (0) OVERSIZED PADS. FABRICATION VENDOR IS ALLOWED TO ADJUST THE COMPONENT SOLDERMASK PADS TO MEET THEIR TOOLING REQUIREMENTS. WHILE MAINTAINING WEBBING BETWEEN ADJACENT PADS.
- APPLY LPI SILKSCREEN OR EQUIVALENT PER THE ARTWORK. COLOR: WHITE.
- ALL BOARDS MUST MEET OR EXCEED UL94-V0 REQUIREMENTS. PCB MUST BEAR THE UL94-V0 UL REGISTERED MATERIAL ID NUMBER.
- CUT THE BOARD AS PER MARKED DIMENSION
- TEARDROPS SHOULD NOT BE ADDED ON ANY AREA WITHOUT PRIOR APPROVAL FROM TEXAS INSTRUMENTS
- DEBURR ALL SHARP EDGES
- REMOVE UNUSED PADS IN ALL INNER LAYERS
- ALL 10.12 MIL VIAS(EXCEPT MARKED REGION) NEED TO BE SOLDERMASK PLUGGING ON TOP SIDE  
11.1 MARKED REGION VIAS NEED TO BE SOLDERMASK PLUGGING ON BOTTOM SIDE
- CLIP SILKSCREEN ON NO MASK AREA

**STACKUP: 14 LAYERS**

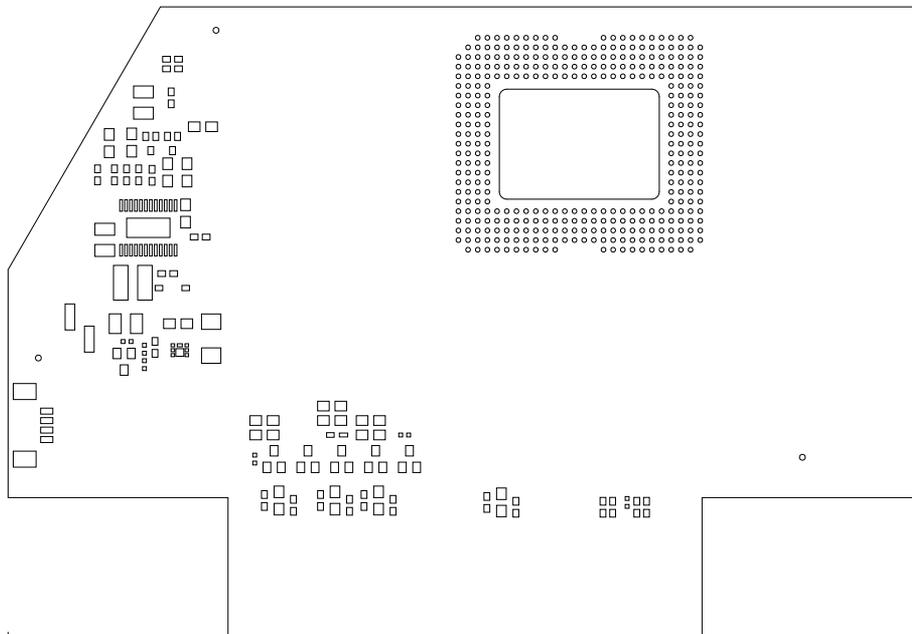
	IMPEDANCE TABLE: 50 OHM +/- 10%	IMPEDANCE TABLE: 100 OHM +/- 10%
TOP (1 oz + PLATING)	7.9 MIL	-----
FR4_HTG DIELECTRIC (4.65 mils)		
02_GND1 (1 oz)		
FR4_HTG DIELECTRIC (7.87 mils)		
03_SIG1 (0.5 oz)	4.7 MIL	4.18/7.82 MIL
FR4_HTG DIELECTRIC (4.23 mils)		
04_GND2 (1 oz)		
FR4_HTG DIELECTRIC (7.87 mils)		
05_SIG2 (0.5 oz)	-----	4.18/7.82 MIL
FR4_HTG DIELECTRIC (4.23 mils)		
06_GND3 (1 oz)		
FR4_HTG DIELECTRIC (3.937 mils)		
07_SIG3 (0.5 oz)	4.34 MIL	3.87/8.13 MIL
FR4_HTG DIELECTRIC (8.425 mils)		
08_SIG4 (0.5 oz)	4.34 MIL	-----
FR4_HTG DIELECTRIC (3.937 mils)		
09_PWR (1 oz)		
FR4_HTG DIELECTRIC (4.23 mils)		
10_SIG5 (0.5 oz)	-----	4.18/7.82 MIL
FR4_HTG DIELECTRIC (7.87 mils)		
11_GND4 (1 oz)		
FR4_HTG DIELECTRIC (4.23 mils)		
12_SIG6 (0.5 oz)	-----	4.18/7.82 MIL
FR4_HTG DIELECTRIC (7.87 mils)		
13_GND5 (1 oz)		
FR4_HTG DIELECTRIC (4.65 mils)		
BOTTOM (1 oz + PLATING)	7.9 MIL	5.58/6.92 MIL
TOTAL THICKNESS: 92 mils +/-10%		



CUSTOMER NAME : TEXAS INSTRUMENTS			
BOARD NAME DLP660TE_Board_Rev1		DESCRIPTION ASSEMBLY SILK-TOP	
PAC-NUM-305-PD-23-0225	REV - 1	DATE MAR-2023	



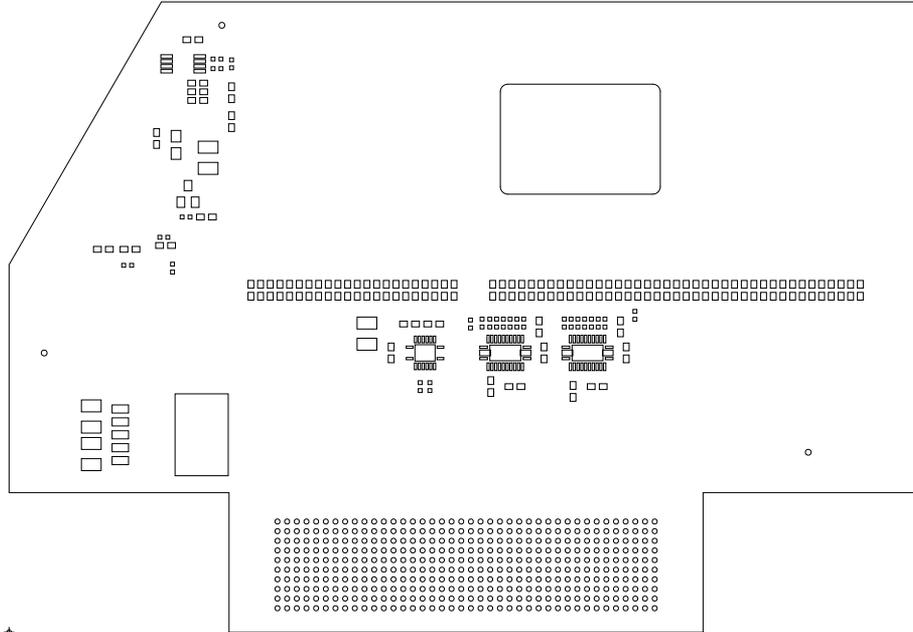
CUSTOMER NAME : TEXAS INSTRUMENTS			
BOARD NAME DLP660TE_Board_Rev1		DESCRIPTION ASSEMBLY SILK-BOTTOM	
PAC-NUM-305-PD-23-0225	REV - 1	DATE MAR-2023	



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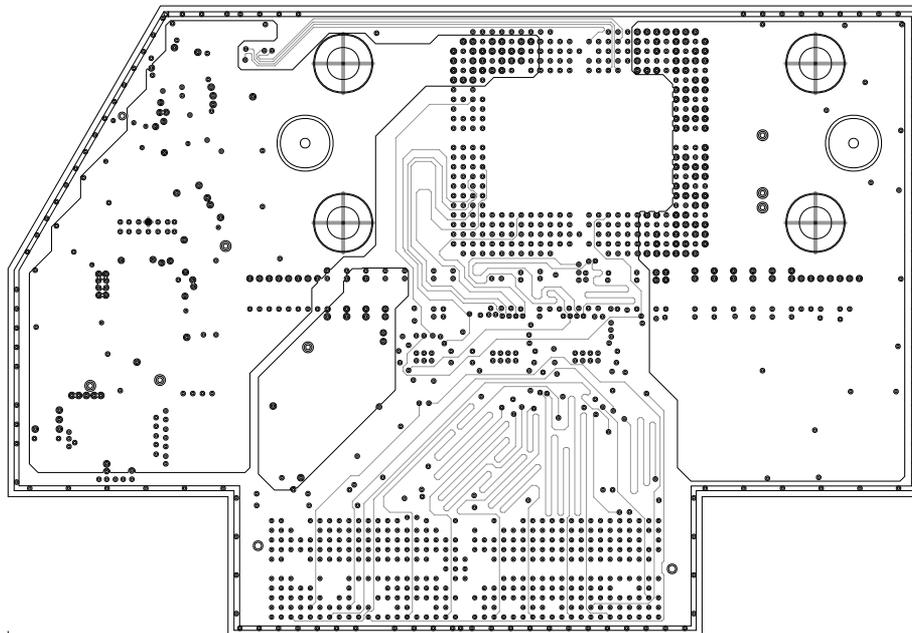
CUSTOMER NAME : TEXAS INSTRUMENTS			
BOARD NAME DLP660TE_Board_Rev1		DESCRIPTION PASTE -TOP	
PAC-NUM-305-PD-23-0225	REV - 1	DATE MAR -2023	



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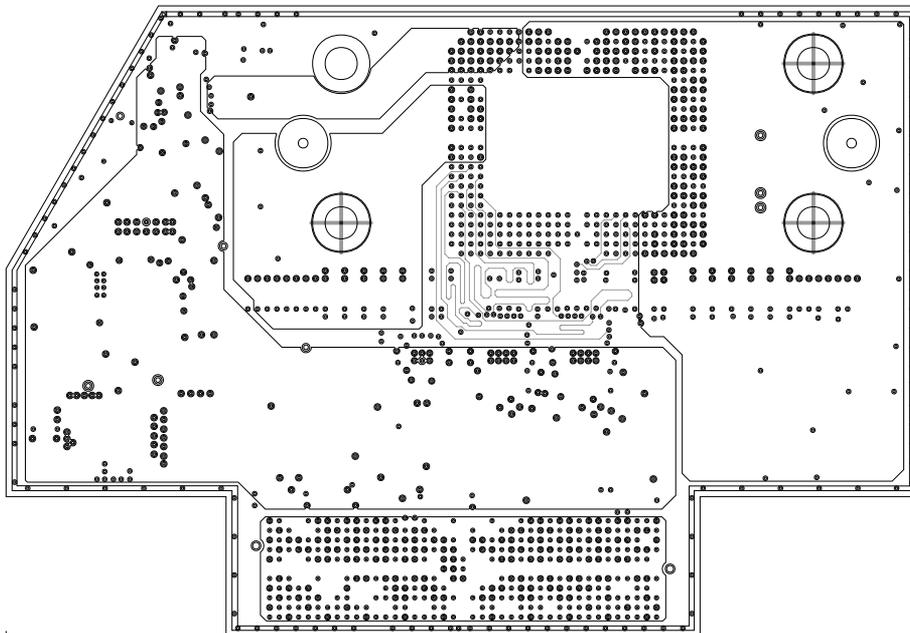
CUSTOMER NAME : TEXAS INSTRUMENTS			
BOARD NAME DLP660TE_Board_Rev1		DESCRIPTION PASTE-BOTTOM	
PAC-NUM-305-PD-23-0225	REV - 1	DATE MAR-2023	



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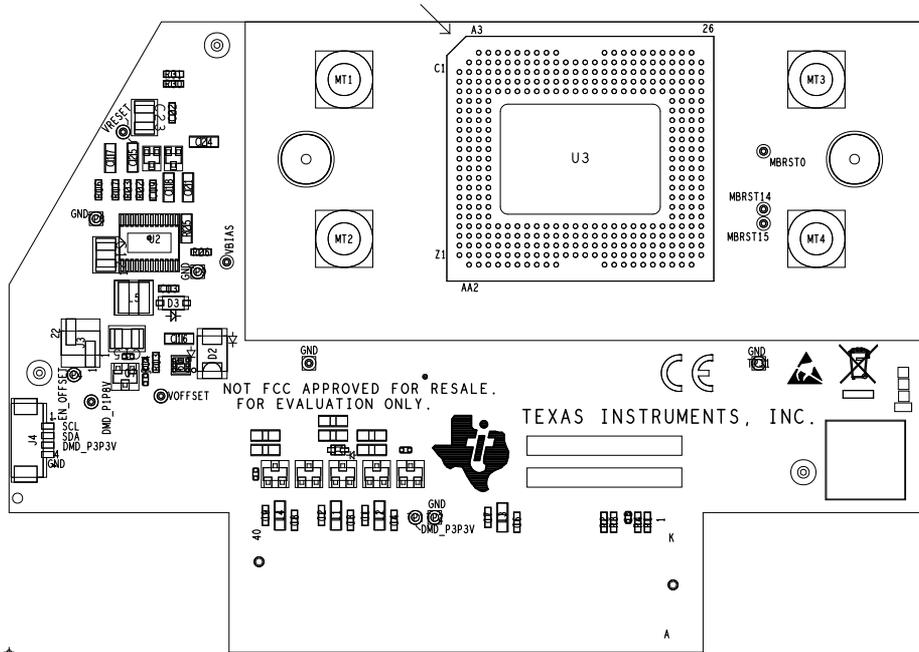
CUSTOMER NAME : TEXAS INSTRUMENTS			
BOARD NAME DLP660TE_Board_Rev1		DESCRIPTION 07_SIG3	
PAC-NUM-305-PD-23-0225	REV - 1	DATE MAR-2023	



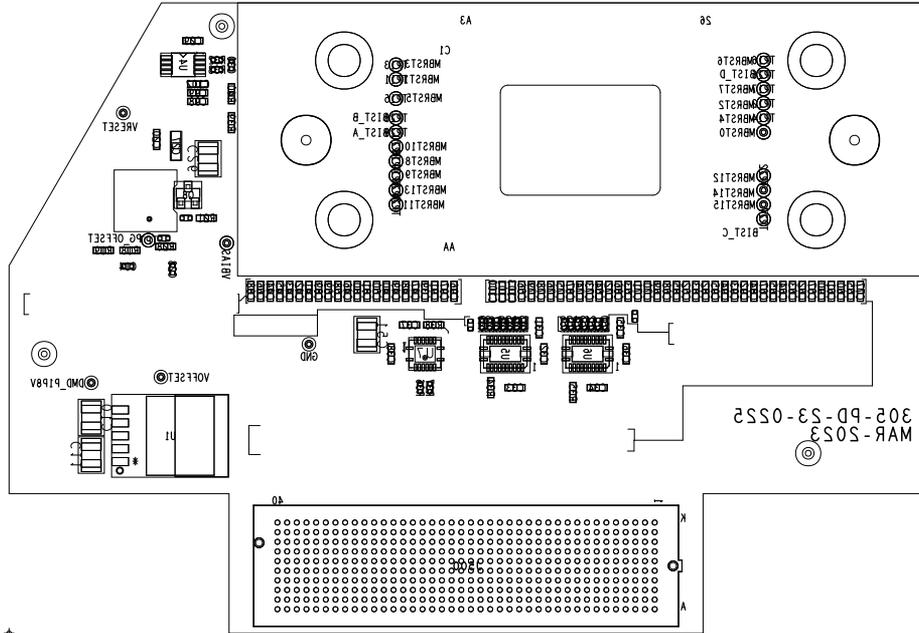
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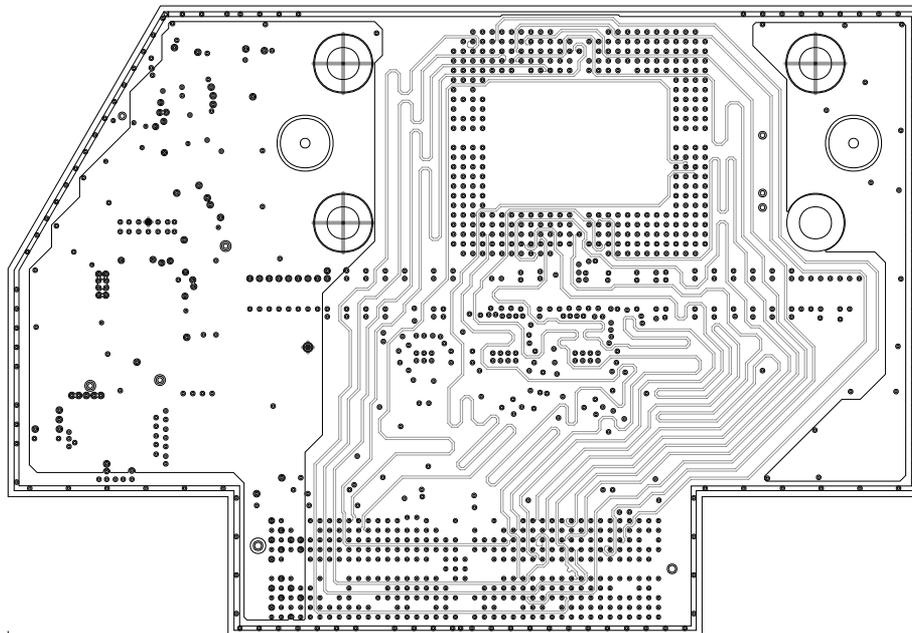
CUSTOMER NAME : TEXAS INSTRUMENTS			
BOARD NAME DLP660TE_Board_Rev1		DESCRIPTION 08_SIG4	
PAC-NUM-305-PD-23-0225	REV - 1	DATE MAR-2023	



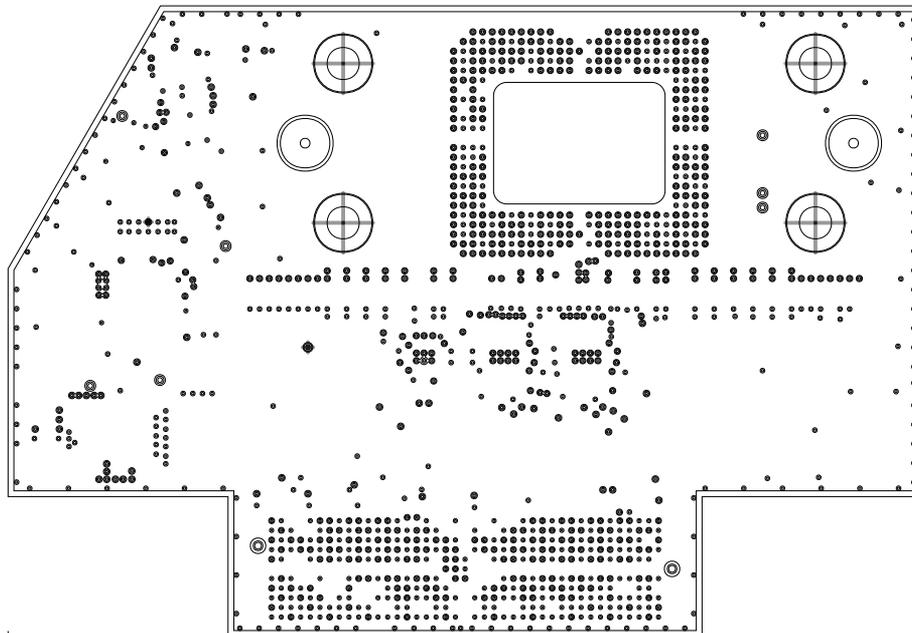
CUSTOMER NAME : TEXAS INSTRUMENTS			
BOARD NAME DLP660TE_Board_Rev1		DESCRIPTION ASSEMBLY MASK - TOP	
PAC-NUM-305-PD-23-0225	REV - 1	DATE MAR-2023	



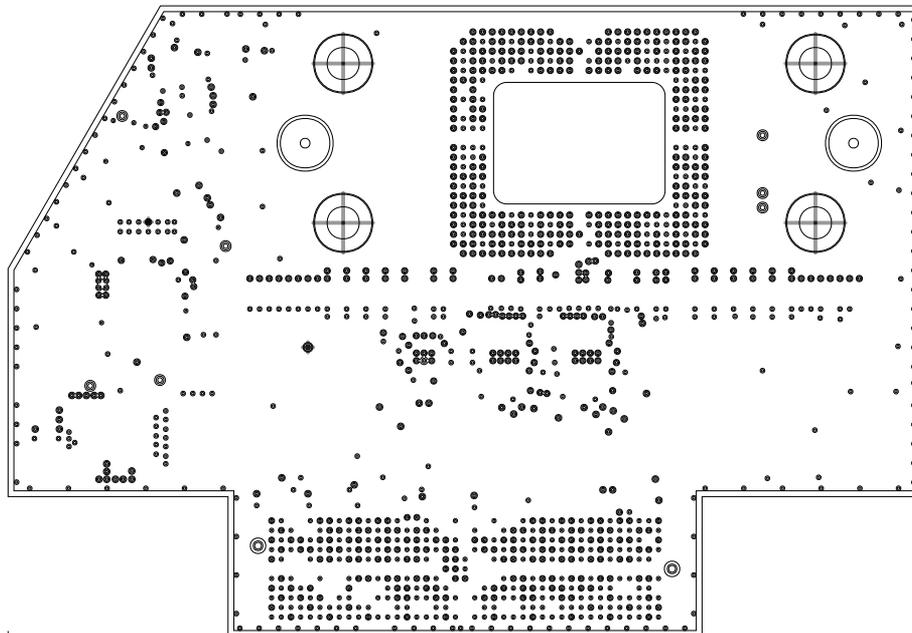
CUSTOMER NAME : TEXAS INSTRUMENTS			
BOARD NAME DLP660TE_Board_Rev1		DESCRIPTION ASSEMBLY MASK-BOTTOM	
PAC-NUM-305-PD-23-0225	REV - 1	DATE MAR-2023	



CUSTOMER NAME : TEXAS INSTRUMENTS			
BOARD NAME DLP660TE_Board_Rev1		DESCRIPTION 05_SIG2	
PAC-NUM-305-PD-23-0225	REV - 1	DATE MAR-2023	



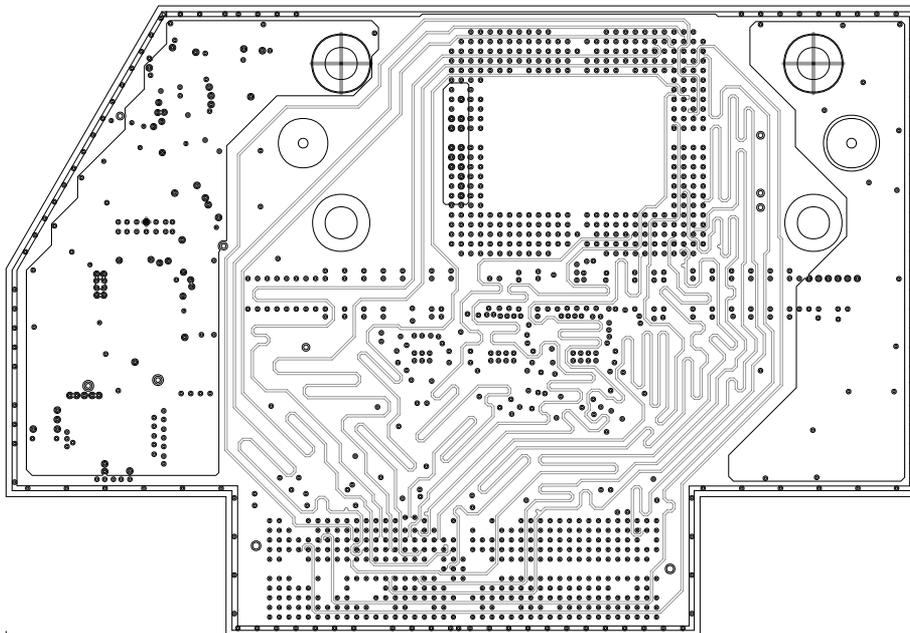
CUSTOMER NAME : TEXAS INSTRUMENTS			
BOARD NAME DLP660TE_Board_Rev1		DESCRIPTION 06_GND3	
PAC-NUM-305-PD-23-0225	REV - 1	DATE MAR-2023	



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CUSTOMER NAME : TEXAS INSTRUMENTS			
BOARD NAME DLP660TE_Board_Rev1		DESCRIPTION 11_GND4	
PAC-NUM-305-PD-23-0225	REV - 1	DATE MAR-2023	



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CUSTOMER NAME : TEXAS INSTRUMENTS			
BOARD NAME DLP660TE_Board_Rev1		DESCRIPTION 12_SIG6	
PAC-NUM-305-PD-23-0225	REV - 1	DATE MAR-2023	