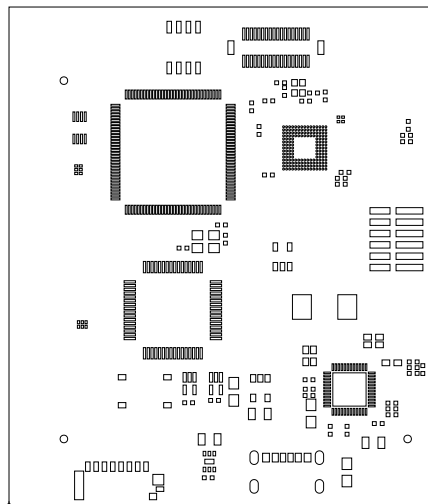
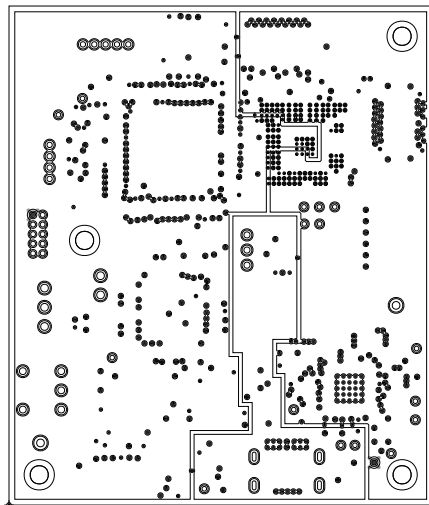


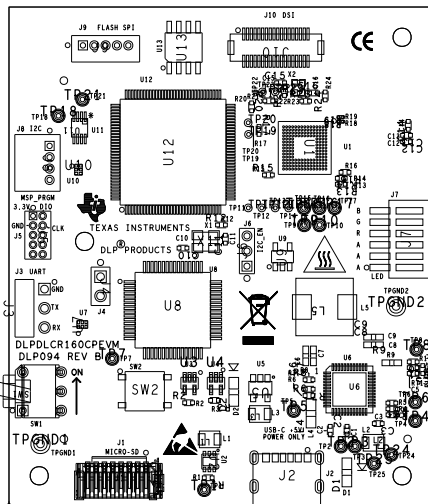
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BOARD NAME				DLPDLCR160CPEVM				DESCRIPTION				SOLDERMASK - PRIMARY SIDE	
BOARD NO.				REV		DATE		PRJ#		SH		OF	
DLP094				B		03-NOV-2023		TIDLDP-309772-01		11		20	



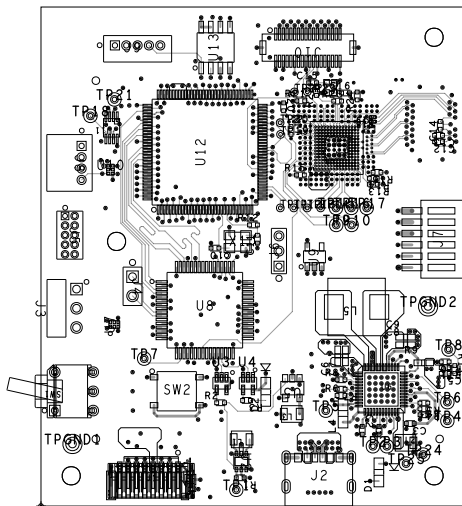
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BOARD NAME				DLPDLCR160CPEVM				DESCRIPTION				SOLDERPASTE - PRIMARY SIDE	
BOARD NO.				REV		DATE		PRJ#		SH		OF	
DLP094				B		03-NOV-2023		TIDLDP-309772-01		15		20	



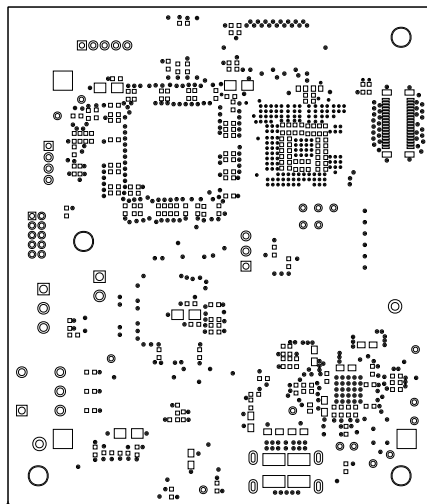
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BOARD NAME			DLPDLCR160CPEVM			DESCRIPTION					LAYER 5 - PWR PLANE						
BOARD NO.		DLP094		REV	B	DATE		03-NOV-2023		PRJ#		TIDL P-309772-01		SH	5	OF	20



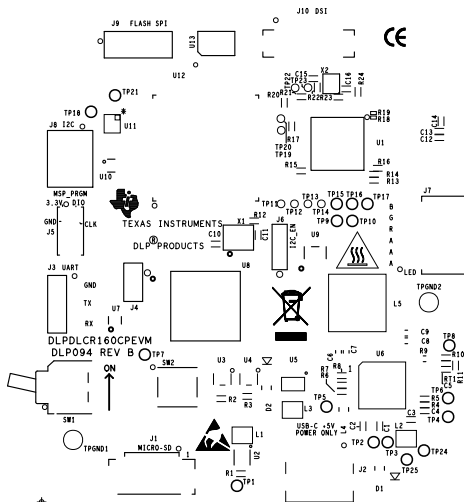
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BOARD NAME				DESCRIPTION					
DLPDLCR160CPEVM				SILKSCREEN - PRIMARY SIDE					
BOARD NO.		REV	DATE		PRJ#		SH		OF
DLP094		B	03-NOV-2023		TIDL P-309772-01		13		20



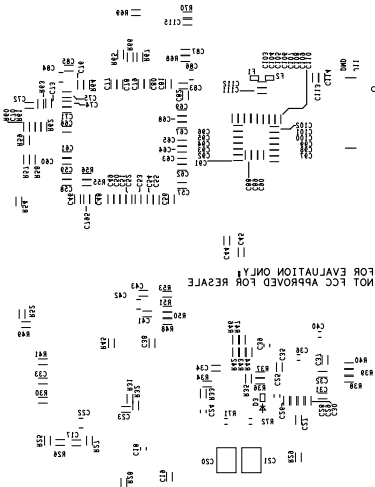
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BOARD NAME			DLPDLCR160CPEVM			DESCRIPTION					
						LAYER 1 - PRIMARY SIDE					
BOARD NO.		REV		DATE		PRJ#		SH		OF	
DLP094		B		03-NOV-2023		TIDLP-309772-01		1		20	

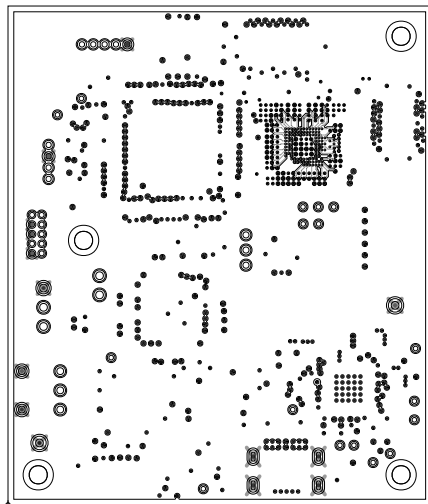


CUSTOMER NAME					TEXAS INSTRUMENTS					DRAWN		
										SVT		
BOARD NAME					DESCRIPTION							
DLPDLCR160CPEVM					SOLDERMASK - SECONDARY SIDE							
BOARD NO.			REV		DATE		PRJ#		SH		OF	
DLP094			B		03-NOV-2023		TIDLP-309772-01		12		20	

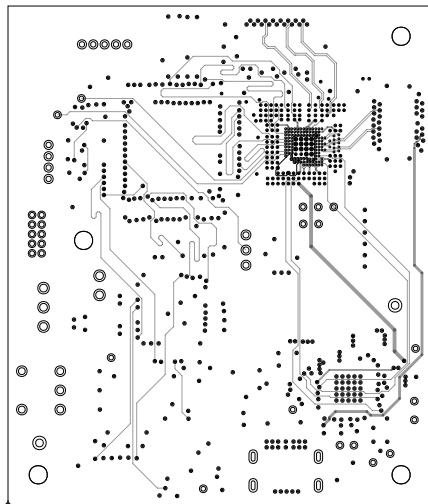


CUSTOMER NAME TEXAS INSTRUMENTS					DRAWN SVT	
BOARD NAME DLPDLCR160CPEVM			DESCRIPTION SILKSCREEN - PRIMARY SIDE			
BOARD NO. DLP094		REV B	DATE 03-NOV-2023	PRJ# TIDL P-309772-01	SH 13	OF 20

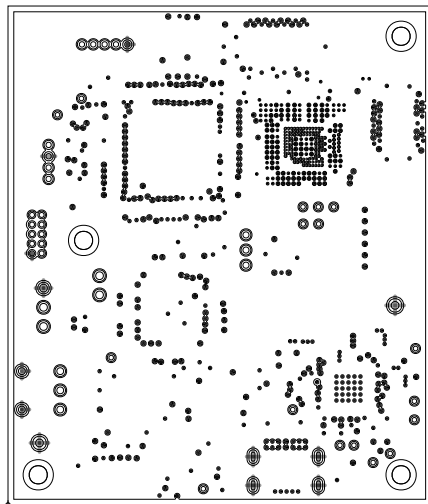




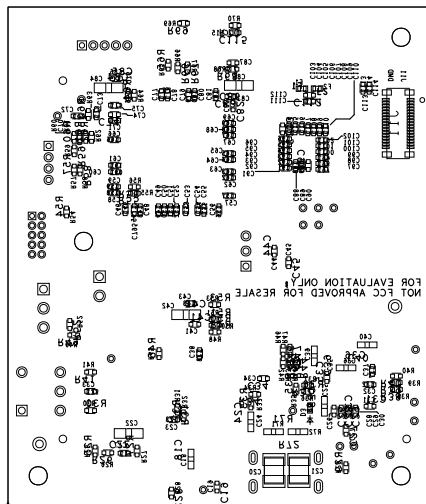
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BOARD NAME			DLPDLCR160CPEVM			DESCRIPTION					LAYER 2 - GND PLANE						
BOARD NO.		DLP094		REV	B	DATE		03-NOV-2023		PRJ#		TIDLDP-309772-01		SH	2	OF	20



CUSTOMER NAME				TEXAS INSTRUMENTS				DRAWN		SVT							
BOARD NAME			DLPDLCR160CPEVM			DESCRIPTION					LAYER 3 - SIGNAL1						
BOARD NO.		DLP094		REV	B	DATE		03-NOV-2023		PRJ#		TIDLDP-309772-01		SH	3	OF	20



CUSTOMER NAME					TEXAS INSTRUMENTS					DRAWN				
										SVT				
BOARD NAME			DLPDLCR160CPEVM			DESCRIPTION					LAYER 4 - GND PLANE			
BOARD NO.		DLP094		REV	B	DATE		03-NOV-2023		PRJ#		SH	OF	20
										TIDLP-309772-01		4		

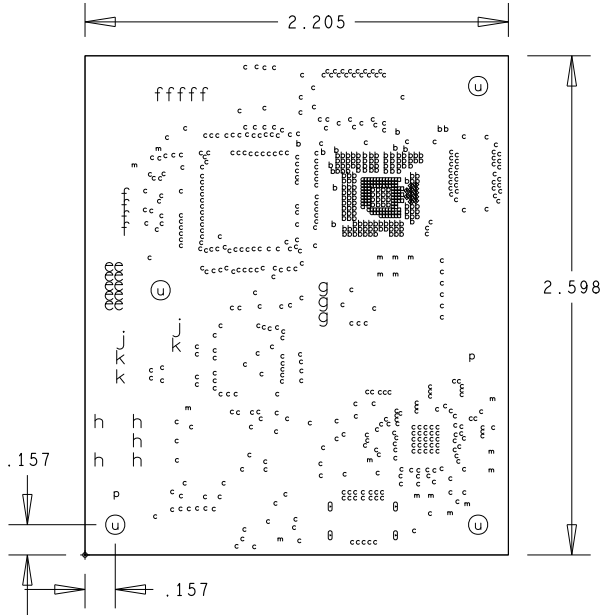


CUSTOMER NAME					TEXAS INSTRUMENTS					DRAWN		
										SVT		
BOARD NAME					DESCRIPTION							
DLPDLCR160CPEVM					SILKSCREEN - SECONDARY SIDE							
BOARD NO.			REV		DATE		PRJ#		SH		OF	
DLP094			B		03-NOV-2023		TIDLP-309772-01		14		20	

LAYER 1	0.0005	STACKUP	SOLDERMASK
	0.0020		1/2oz Sig (Std Plt) - 50 Ohms - 0.005 width 68 Ohms - 0.004 width 100 Ohms Differential - 0.0041 width/0.00575 Space
	0.0027		FR408H
LAYER 2	0.0006		1/2oz P/G
LAYER 3	0.0040		FR408H
LAYER 3	0.0006		1/2oz SIG - 50 Ohms - 0.005 width 100 Ohms Differential - 0.00425 width/0.00575 Space
	0.0072		FR408H
LAYER 4	0.0012		1oz P/G
LAYER 5	X.XXXX		FR408H
	0.0012		1oz P/G
LAYER 6	X.XXXX		FR408H
	0.0012		1oz P/G
			FR408H
	X.XXXX		
LAYER 7	0.0012		1oz P/G
LAYER 8	0.0027		FR408H
			1/2oz SIG - 50 Ohms - 0.005 width 100 Ohms Differential - 0.00425 width/0.00575 Space
LAYER 9	0.0006		
LAYER 9	0.0006		1/2oz P/G
	0.0027		FR408H
LAYER 10	0.0020		1/2oz Sig (Std Plt) - 50 Ohms - 0.005 width
	0.0005		SOLDERMASK

DRILL CHART: TOP to LY4GND				
ALL UNITS ARE IN MILS				
FIGURE	SIZE	TOLERANCE	PLATED	QTY
a	4.0	+0.0/-4.0	PLATED	106
◆	4.01	+0.0/-4.0	PLATED	12

DRILL CHART: TOP to BOTTOM				
ALL UNITS ARE IN MILS				
FIGURE	SIZE	TOLERANCE	PLATED	QTY
b	6.0	+0.0/-6.0	PLATED	155
c	8.0	+0.0/-8.0	PLATED	442
m	24.0	+3.0/-3.0	PLATED	17
e	25.59	+1.97/-1.97	PLATED	10
f	27.72	+2.01/-2.01	PLATED	9
g	31.65	+1.97/-1.97	PLATED	3
h	35.43	+2.01/-2.01	PLATED	5
k	40.0	+2.0/-2.0	PLATED	3
j	40.0	+2.01/-2.01	PLATED	2
p	40.0	+3.0/-3.0	PLATED	2
Ⓢ	94.49	+2.99/-2.99	NON-PLATED	4
B	47.24x19.69	+2.0/-2.0	PLATED	4



VIEW FROM TOP SIDE

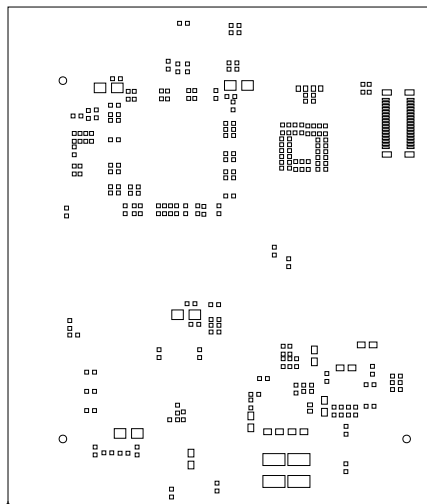
FAB NOTES:

- ALL DIMENSIONS ARE IN INCHES 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 SHALL BE ISOLA FR408HR OR EQUIVALENT, ROHS AND REACH COMPLIANT AND LEAD FREE ASSEMBLY CAPABLE. BOARD MATERIAL SHALL MEET OR EXCEED IPC-4101B. ROHS AND REACH CERTIFICATE OF CONFORMANCE SHALL BE DELIVERED WITH EACH LOT. ROHS TO BE MARKED ON THE FINISHED BOARD.
- ALL BOARDS MUST MEET OR EXCEED UL94V-0 REQUIREMENTS. PCB MUST BEAR THE UL94V-0 UL REGISTERED MATERIAL ID NUMBER.
- MINIMUM COPPER WALL THICKNESS OF PLATED-THRU HOLES TO BE .001 INCH WITH A MINIMUM ANNULAR RING OF .002 INCH.
- OVERALL BOARD THICKNESS TO BE .062 +/- .10% AND APPLIES AFTER ALL LAMINATION AND PLATING PROCESSES, MEASURED FROM COPPER TO COPPER. DI-ELECTRIC MATERIAL HEIGHT CAN BE UPDATED IN FAB HOUSE BASED ON MATERIAL AVAILABILITY
- MAX. WARP & TWIST TO BE .0075 INCHES PER INCH.
- ANY DESCREPNCEY BETWEEN FABRICATION PRINT AND THE ACTUAL FABRICATION DATA MUST BE REVIEWED AND APPROVED BY ASSEMBLY SHOP.
- 4 MIL & 4.01MIL BLIND VIAS TO BE FILLED WITH NON CONDUCTIVE EPOXY AND PLATED OVER COPPER.SURFACE SHOULD BE FLAT ON TOP SIDE.

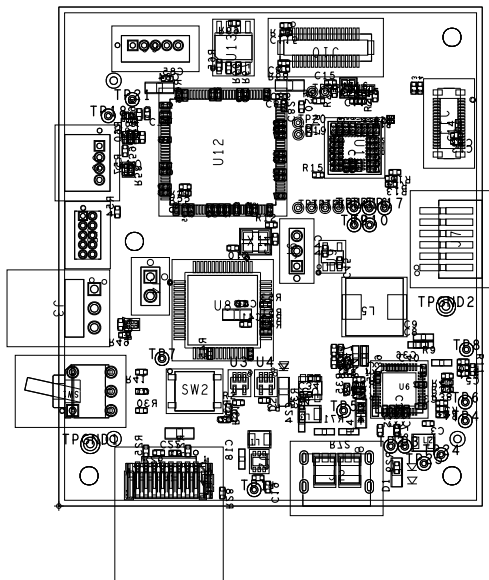
PROCESS NOTES:

- EXCEPT AS NOTED BELOW, PLATE ALL EXPOSED AREAS WITH ELECTROLESS IMMERSION GOLD, NICKEL 100 MIN MICROINCHES THK GOLD 2-6 MICROINCHES THK.
- FABRICATOR TO REMOVE UNUSED PADS ON INTERNAL LAYERS.
- MINIMUM TRACE/SPACE UNDER U1 IS .003/.003
- APPLY LDI SOLDERMASK. COLOR: RED. SOLDERMASK SHALL CONFORM TO IPC-SM-840, CLASS H. CURRENT REV. SOLDERMASK SHALL BE COMPATIBLE WITH SAC305 OR EQUIVALENT SOLDER ALLOY AND SOLDER FLOAT BATH TEMPERATURE OF 288°C.
- 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.
- SOLDERABILITY SHALL BE IN ACCORDANCE WITH IPC/EIA J-STD-003A, WITH SOLDER BATH TEMPERATURE OF 250°C +/-5 C FOR DIP OR ROTARY TEST.
- APPLY LPI SILKSCREEN OR EQUIVALENT PER THE ARTWORK. COLOR: WHITE.
- BOARD MUST BE ELECTRICALLY TESTED USING SUPPLIED IPC-D-356 NETLIST.
- VENDOR MUST SUPPLY PANELIZED PASTE LAYERS TO ASSEMBLY SHOP FOR PASTEMASK STENCIL.

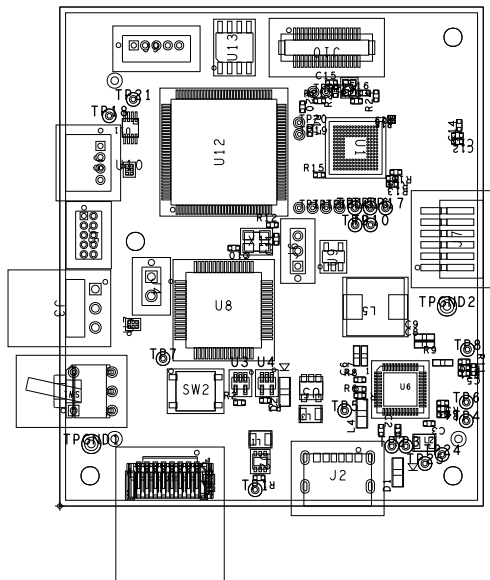
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										SVT				
BOARD NAME					DLPDLCR160CPEVM					DESCRIPTION				
										DRILL DRAWING				
BOARD NO.					REV		DATE		PRJ#		SH			
DLP094					B		03-NOV-2023		TIDL P-309772-01		17 OF 20			



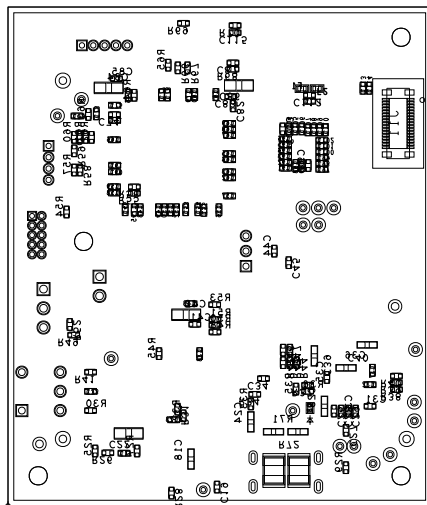
CUSTOMER NAME				TEXAS INSTRUMENTS				DRAWN		SVT							
BOARD NAME				DLPDLCR160CPEVM				DESCRIPTION				SOLDERPASTE - SECONDARY SIDE					
BOARD NO.		DLP094		REV	B	DATE		03-NOV-2023		PRJ#		TIDLDP-309772-01		SH	16	OF	20



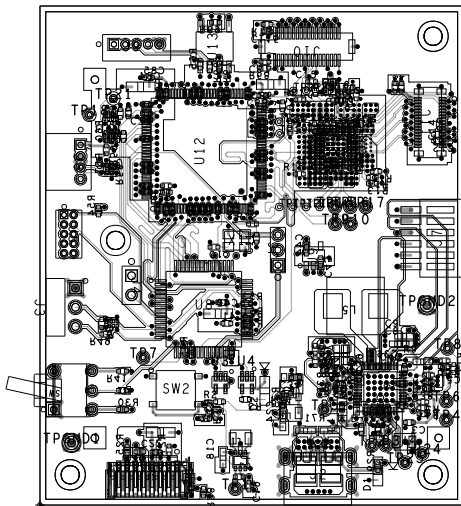
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BOARD NAME			DLPDLCR160CPEVM		DESCRIPTION		
BOARD NO.		REV	DATE	PRJ#	SH	OF	20
DLP094		B	03-NOV-2023	TIDLP-309772-01			



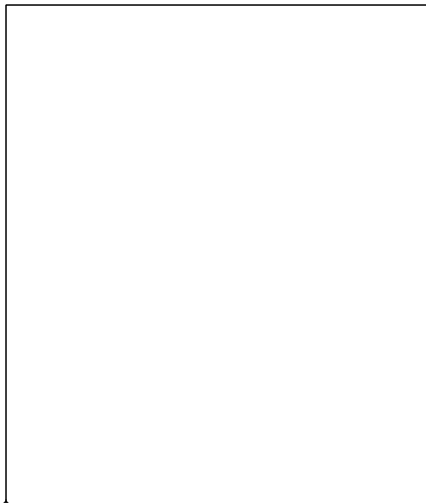
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BOARD NAME					DLPDLCR160CPEVM					SVT	
DESCRIPTION											
BOARD NO.			REV		DATE		PRJ#		SH		OF
DLP094			B		03-NOV-2023		TIDLP-309772-01		20		



CUSTOMER NAME					TEXAS INSTRUMENTS					DRAWN		
										SVT		
BOARD NAME					DLPDLCR160CPEVM					DESCRIPTION		
BOARD NO.					REV		DATE		PRJ#		SH	OF
DLP094					B		03-NOV-2023		TIDLP-309772-01			20

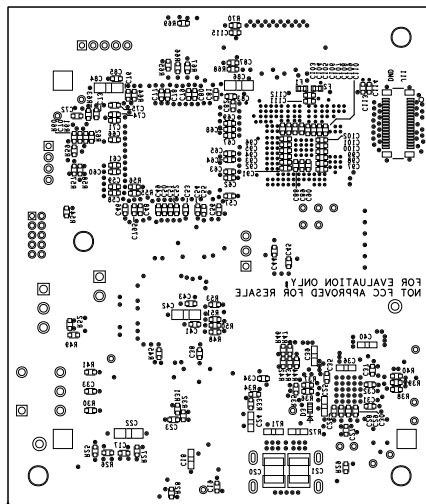


CUSTOMER NAME					TEXAS INSTRUMENTS					DRAWN	
										SVT	
BOARD NAME				DLPDLCR160CPEVM				DESCRIPTION			
								LAYER 10--PRIMARY SIDE			
BOARD NO.		REV		DATE		PRJ#		SH		OF	
DLP094		B		03-NOV-2023		TIDLDP-309772-01		10		20	

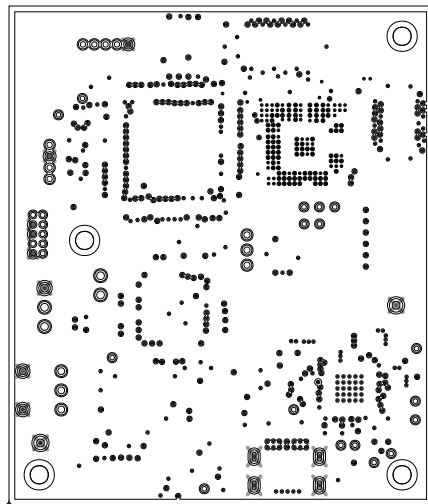


CUSTOMER NAME		TEXAS INSTRUMENTS		DRAWN	
				SVT	
BOARD NAME		DLPDLCR160CPEVM		DESCRIPTION	
				OUTLINE	
BOARD NO.		REV	DATE	PRJ#	SH OF
DLP094		B	03-NOV-2023	TIDLP-309772-01	20 20

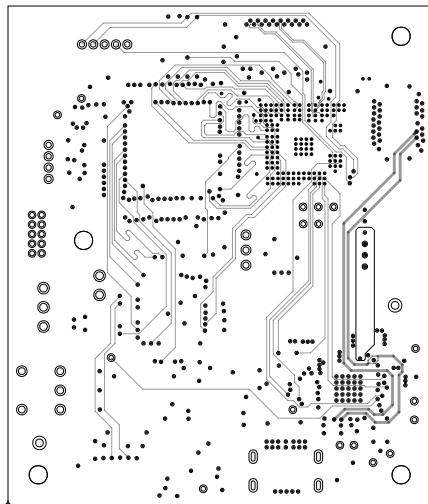
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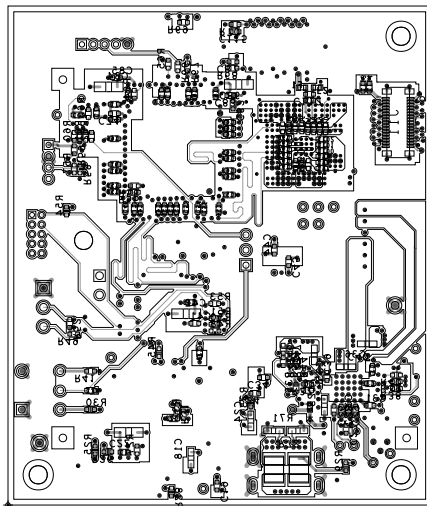
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BOARD NAME					DESCRIPTION							
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BOARD NO.			REV		DATE		PRJ#		SH		OF	
DLP094			B		03-NOV-2023		TIDLP-309772-01		14		20	



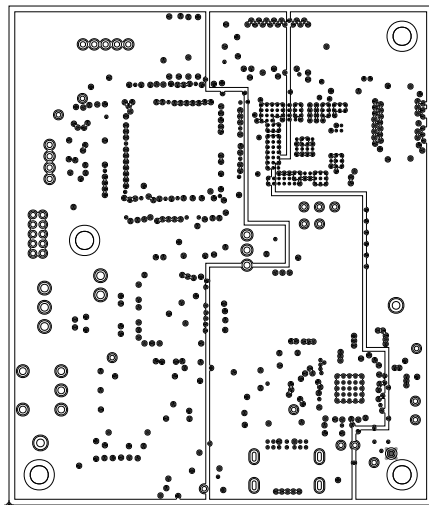
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BOARD NAME					DESCRIPTION							
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BOARD NO.			REV		DATE		PRJ#		SH		OF	
DLP094			B		03-NOV-2023		TIDLDP-309772-01		9		20	



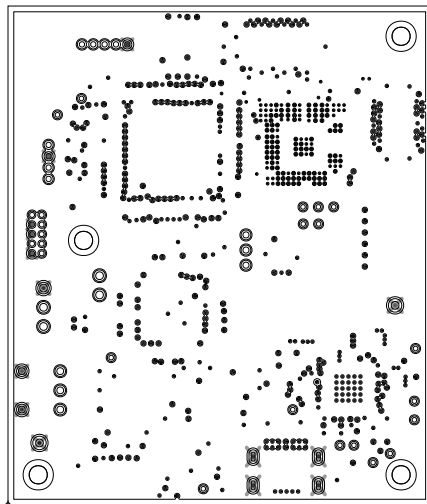
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BOARD NAME				DLPDLCR160CPEVM				DESCRIPTION				LAYER 8 - SIGNAL2											
BOARD NO.		DLP094		REV		B		DATE		03-NOV-2023		PRJ#		TIDLDP-309772-01		SH		8		OF		20	



CUSTOMER NAME					TEXAS INSTRUMENTS					DRAWN		
										SVT		
BOARD NAME					DESCRIPTION							
DLPDLCR160CPEVM					LAYER 10 - SECONDARY SIDE							
BOARD NO.			REV		DATE		PRJ#		SH		OF	
DLP094			B		03-NOV-2023		TIDLP-309772-01		10		20	



CUSTOMER NAME					TEXAS INSTRUMENTS					DRAWN	
										SVT	
BOARD NAME					DLPDLCR160CPEVM					DESCRIPTION	
										LAYER 6 - PWR PLANE	
BOARD NO.			REV		DATE		PRJ#			SH	
DLP094			B		03-NOV-2023		TIDLDP-309772-01			6 OF 20	



CUSTOMER NAME					TEXAS INSTRUMENTS					DRAWN		
										SVT		
BOARD NAME					DESCRIPTION							
DLPDLCR160CPEVM					LAYER 7 - GND PLANE							
BOARD NO.			REV		DATE		PRJ#		SH		OF	
DLP094			B		03-NOV-2023		TIDLDP-309772-01		7		20	