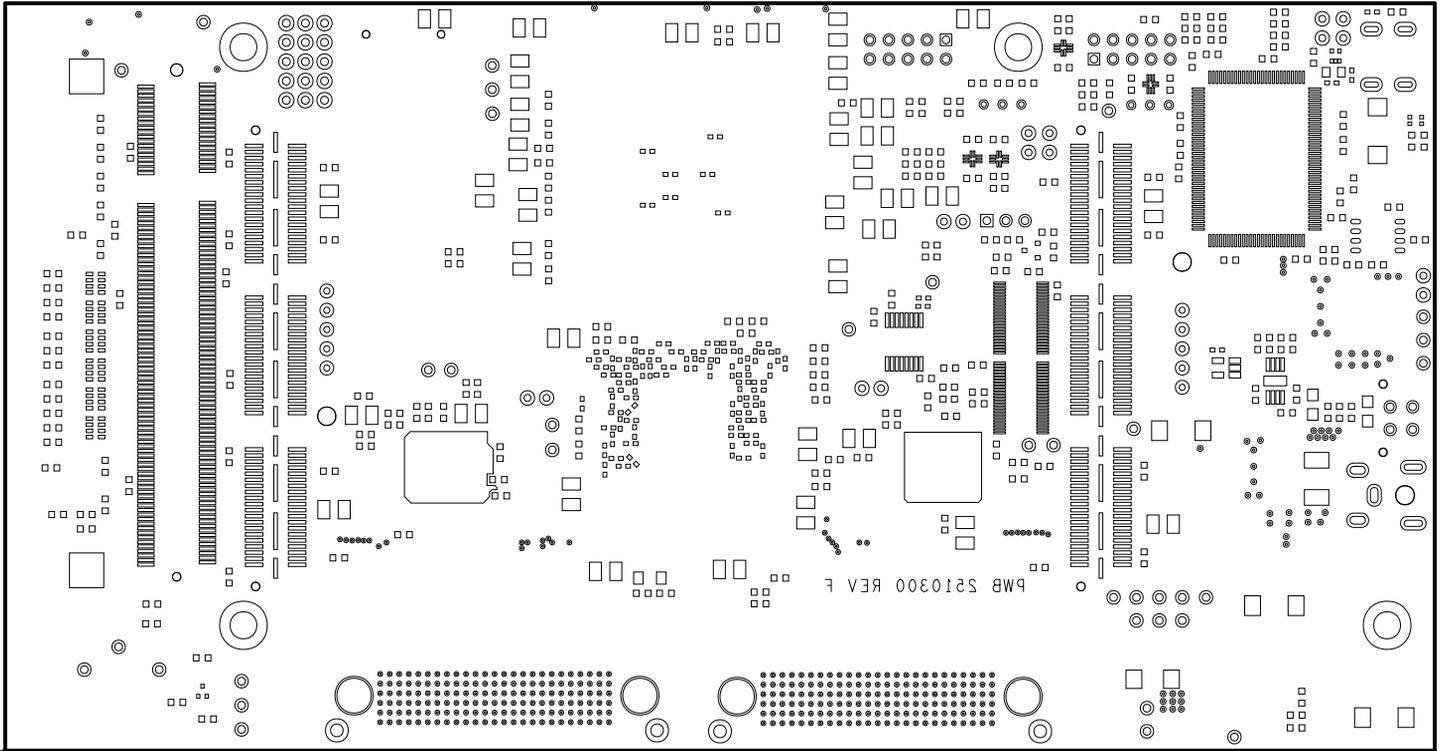
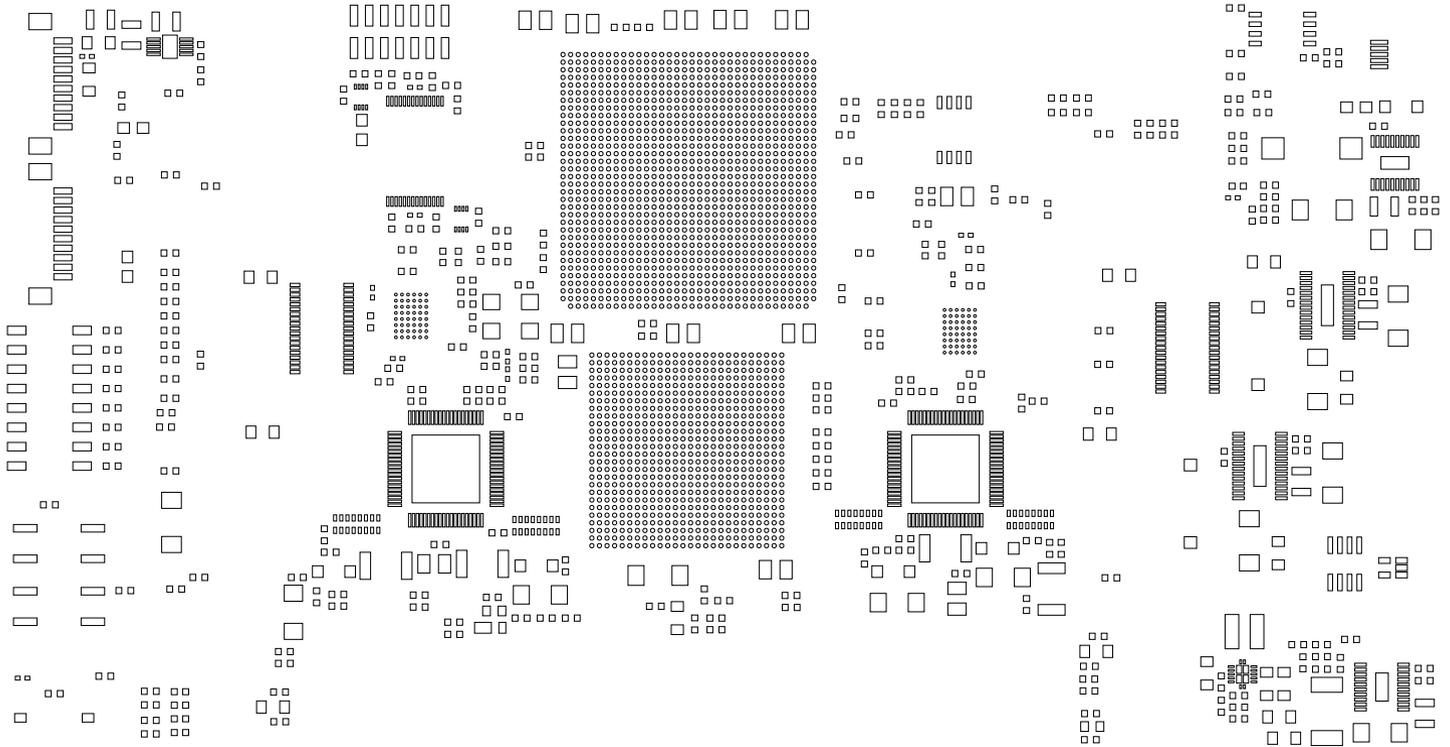


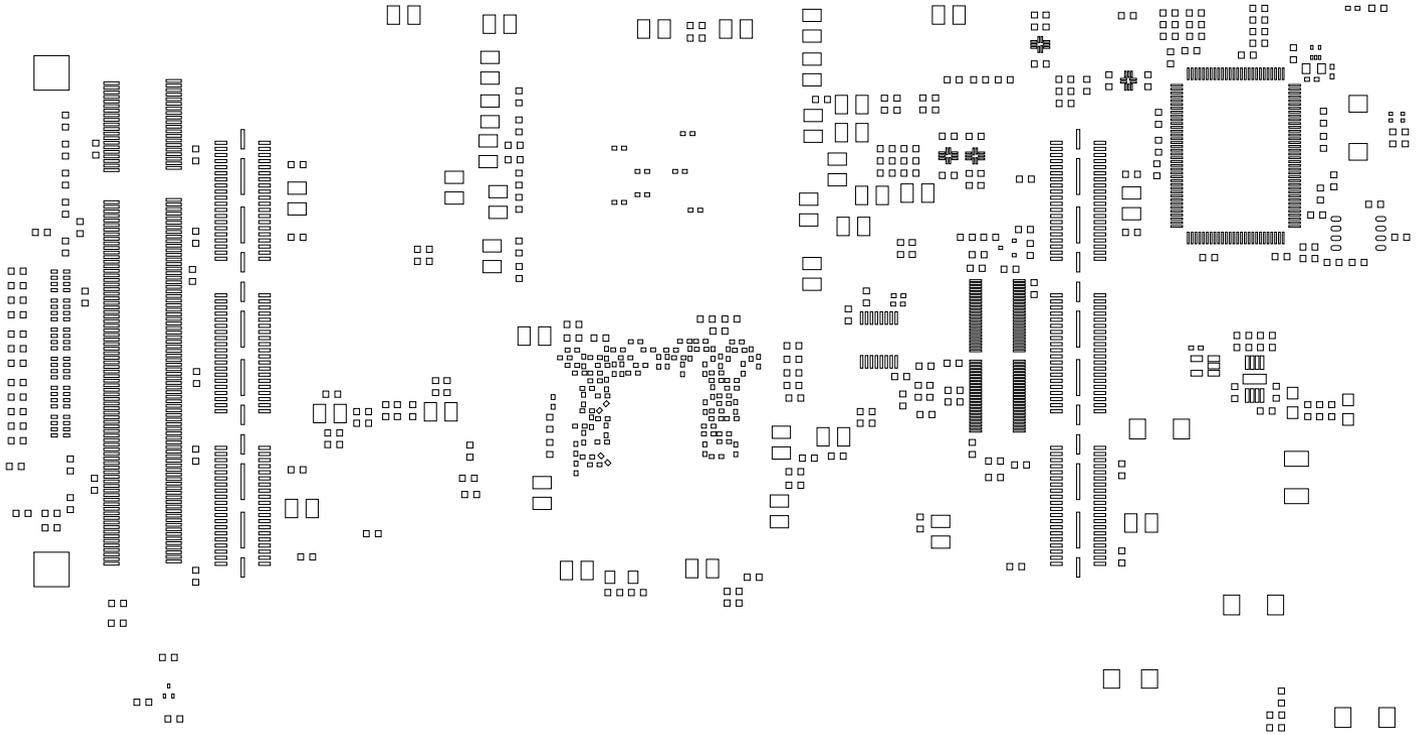
TEXAS INSTRUMENTS	
SOLDERMASK TOP SIDE	DLPLCRC410EVM
DATE: 06/09/2023	REV: C



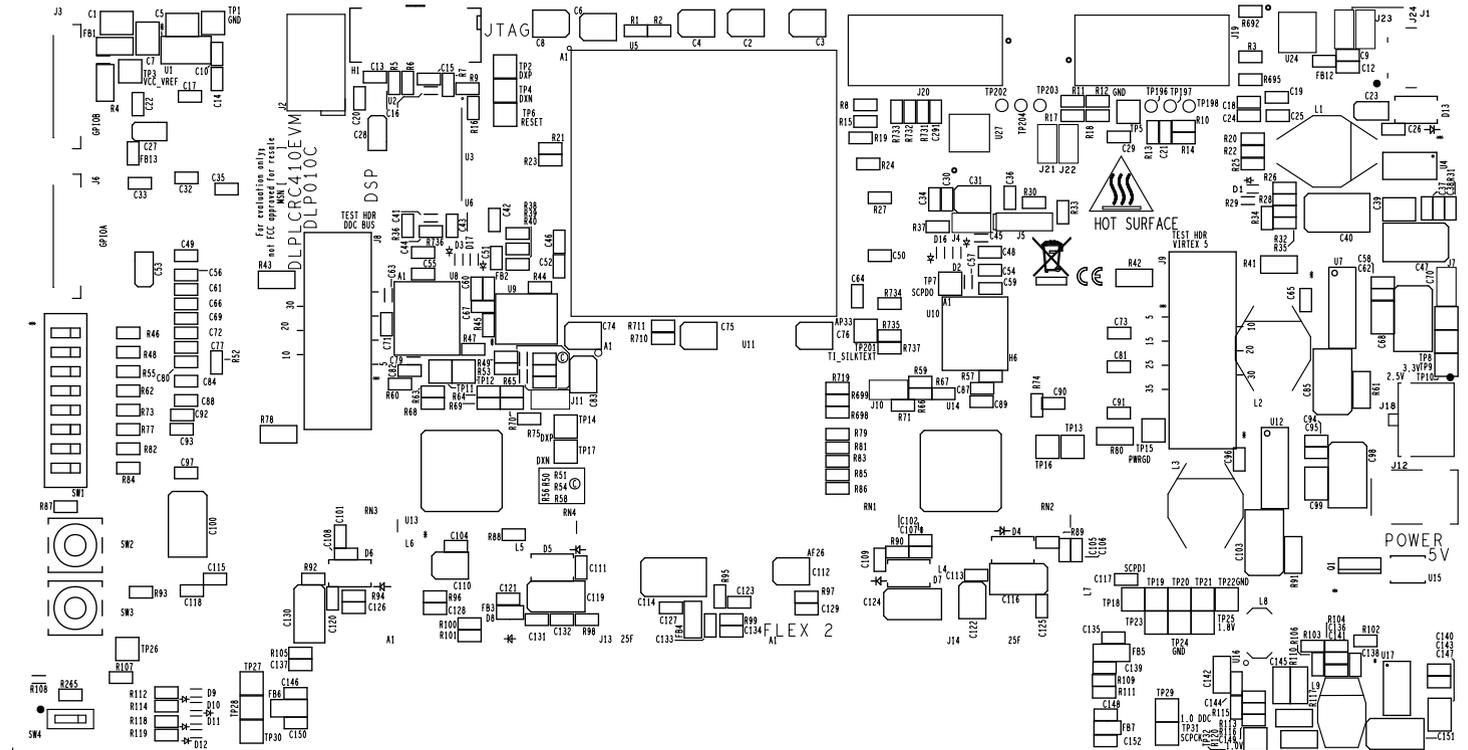
TEXAS INSTRUMENTS	
SOLDERMASK BOTTOM SIDE	DLPLCRC410EVM
DATE: 06/09/2023	REV: C



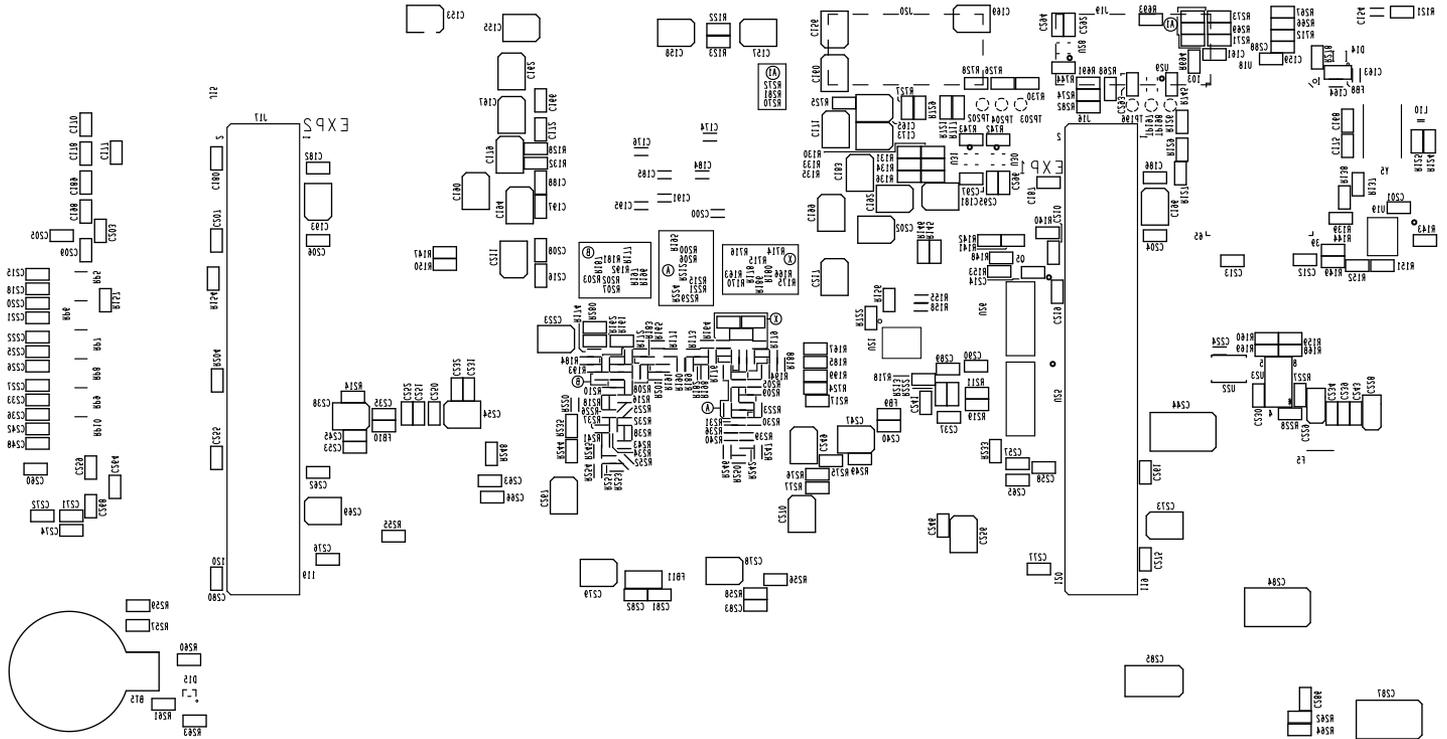
TEXAS INSTRUMENTS	
SOLDER PASTE TOP	DLPLCRC410EVM
DATE : 06/09/2023	REV : C



TEXAS INSTRUMENTS	
SOLDER PASTE BOTTOM	DLPLCRC410EVM
DATE: 06/09/2023	REV: C



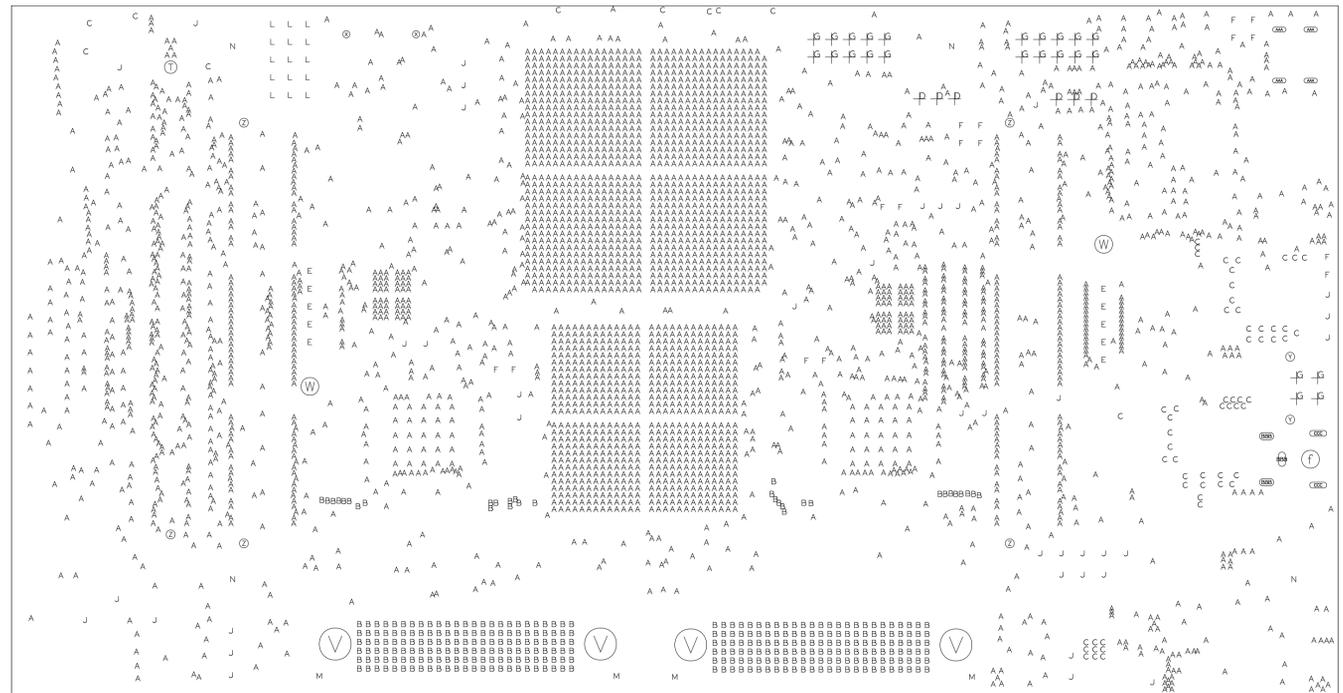
TEXAS INSTRUMENTS	
SILKSCREEN TOP	DLPLCRC410EVM
DATE: 06/09/2023	REV: C



TEXAS INSTRUMENTS	
SILKSCREEN BOTTOM	DLPLCRC410EVM
DATE: 06/09/2023	REV: C

DRILL CHART: TOP to BOTTOM				
ALL UNITS ARE IN MILS				
FIGURE	SIZE	TOLERANCE	PLATED	QTY
A	8.0	+3.0/-3.0	PLATED	3637
B	10.0	+3.0/-3.0	PLATED	332
C	12.0	+3.0/-3.0	PLATED	66
D	27.95	+1.97/-1.97	PLATED	6
E	32.0	+3.0/-3.0	PLATED	10
F	36.0	+3.0/-3.0	PLATED	16
G	40.0	+2.0/-2.0	PLATED	24
H	40.0	+3.0/-3.0	PLATED	38
I	41.0	+3.0/-3.0	PLATED	15
J	66.0	+3.0/-3.0	PLATED	4
K	140.0	+3.0/-3.0	PLATED	4
L	39.0	+3.0/-3.0	NON-PLATED	2
M	40.0	+2.0/-2.0	NON-PLATED	2
N	44.0	+3.0/-3.0	NON-PLATED	5
O	64.0	+3.0/-3.0	NON-PLATED	1
P	95.0	+3.0/-3.0	NON-PLATED	2
Q	96.0	+2.0/-2.0	NON-PLATED	1
R	180.0	+10.0/-10.0	NON-PLATED	4
S	75.0x27.0	+2.0/-2.0	PLATED	4
T	80.0x40.0	+2.0/-2.0	PLATED	1
U	80.0x40.0	+2.0/-2.0	PLATED	2
V	96.0x32.0	+2.0/-2.0	PLATED	2

3.878



7.500

THIS PRODUCT MUST BE RoHS COMPLIANT. VENDORS MUST FOLLOW DIRECTIVE 2002/95/EC OF THE EUROPEAN PARLIAMENT, ALSO KNOWN AS THE "RoHS DIRECTIVE".

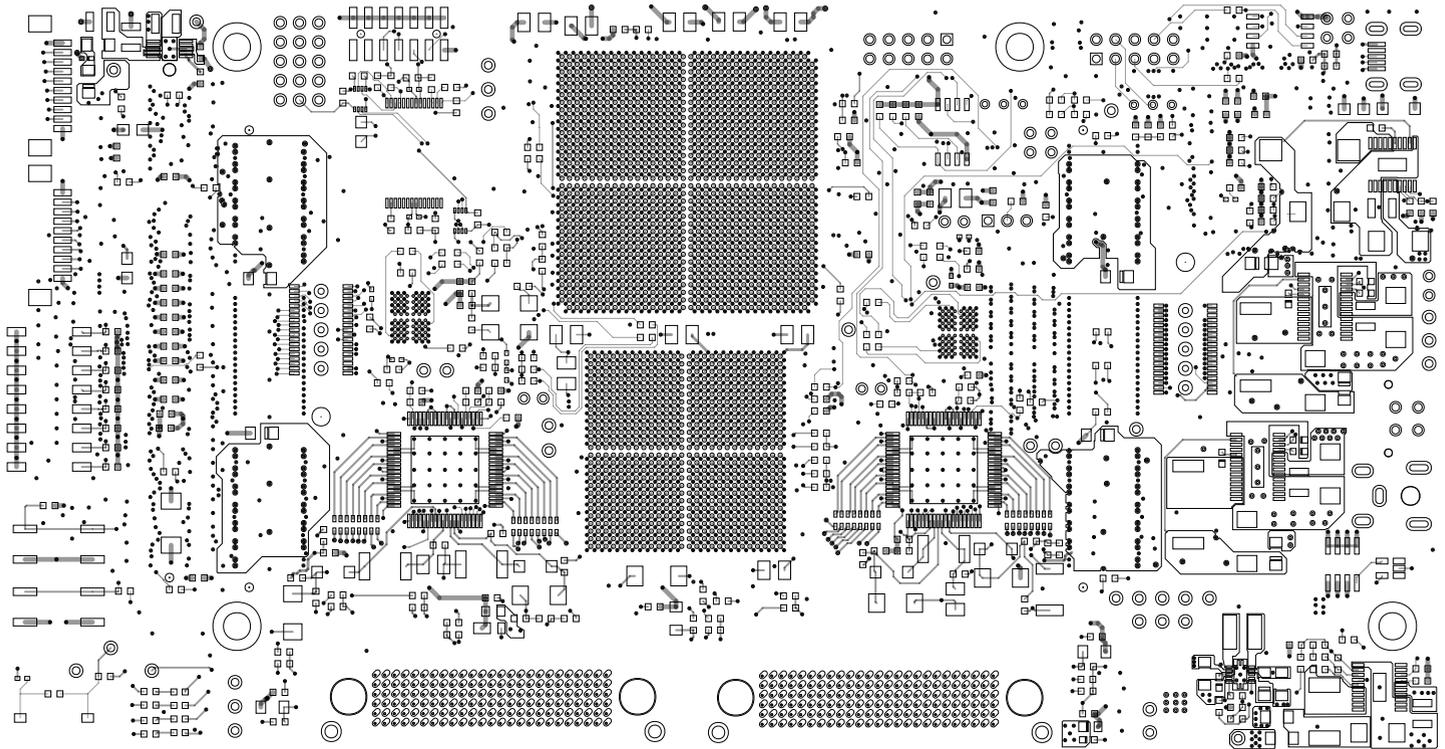
NOTES:

- ALL FABRICATION ITEMS MUST MEET OR EXCEED BEST INDUSTRY PRACTICE. IPC-A-600C (COMMERCIAL STD.).
- FABRICATOR AND ASSEMBLER MUST FOLLOW IPC-1066 FOR ALL MARKING AND LABELING.
- LAMINATE MATERIAL: POLYCLAD PC-FR-370HR OR ISOLA IS410 MATERIAL.
- FINISHED THICKNESS: 0.100 +/- 0.007"
- SOLDERMASK BOTH SIDES: RED
- APPLY WHITE LPI SILKSCREEN TO BOTH SIDES PER ARTWORK.
- MAXIMUM WARP AND TWIST TO BE 0.005 INCH PER INCH.
- LAYERS 3,16 AND 18 HAVE 100ohm %5 DIFF PAIR AND USE THE FOLLOWING: 4.01MIL TRACE WITH 6MIL SPACE.
- LAYERS 3,5,7,12,14,16 AND 18 HAVE 100ohm %5 DIFF PAIR AND USE THE FOLLOWING: 3.99MIL TRACE WITH 6MIL SPACE.
- LAYERS TOP,3,5,7,9,12,14,16,18 AND BOTTOM HAS 50ohm 5% SINGLE ENDED ROUTING AND USE THE FOLLOWING: 3.99MIL TRACE WIDTH.
- LAYERS 16 AND 18 HAS 50ohm 5% SINGLE ENDED ROUTING AND USE THE FOLLOWING: 4.01MIL TRACE WIDTH.
- CHANGE ALL 8 AND 10MIL VIAS TO DIRECT PLANE CONNECTIONS.
- BOARD TO BE FINISHED ENIG. 100-150 NICKEL and 3-5 GOLD
- BY DESIGN ALL SIGNALS ARE 50ohms. EXCEPTIONS: PWR NETS, DIFF PAIRS, BGA FANOUTS AND DMD FANOUTS.
- ALL BOARDS MUST MEET OR EXCEED UL94-V0 REQUIREMENTS. PCB MUST BARE THE UL94-V0 UL REGISTERED MATERIAL ID NUMBER.
- 0.008" VIAS TO BE COVERED WITH LPI SOLDERMASK ON BOTTOM(TESTER) SIDE OF THE BOARD.

DMD SIDE	
TOP SIDE	COPPER FOIL 0.50z/ PLATE TO 10z
LAYER 2	PRE-PREG 004 MILS
LAYER 3	CORE 004 MILS
LAYER 4	PRE-PREG 004 MILS
LAYER 5	CORE 004 MILS
LAYER 6	PRE-PREG 004 MILS
LAYER 7	CORE 004 MILS
LAYER 8	PRE-PREG 004 MILS
LAYER 9	CORE 004 MILS
LAYER 10	PRE-PREG 004 MILS
LAYER 11	CORE 006.5 MILS
LAYER 12	PRE-PREG 004 MILS
LAYER 13	CORE 004 MILS
LAYER 14	PRE-PREG 004 MILS
LAYER 15	CORE 004 MILS
LAYER 16	PRE-PREG 004 MILS
LAYER 17	CORE 004 MILS
LAYER 18	PRE-PREG 004 MILS
LAYER 19	CORE 004 MILS
BOTTOM SIDE	COPPER FOIL 0.50z/ PLATE TO 10z

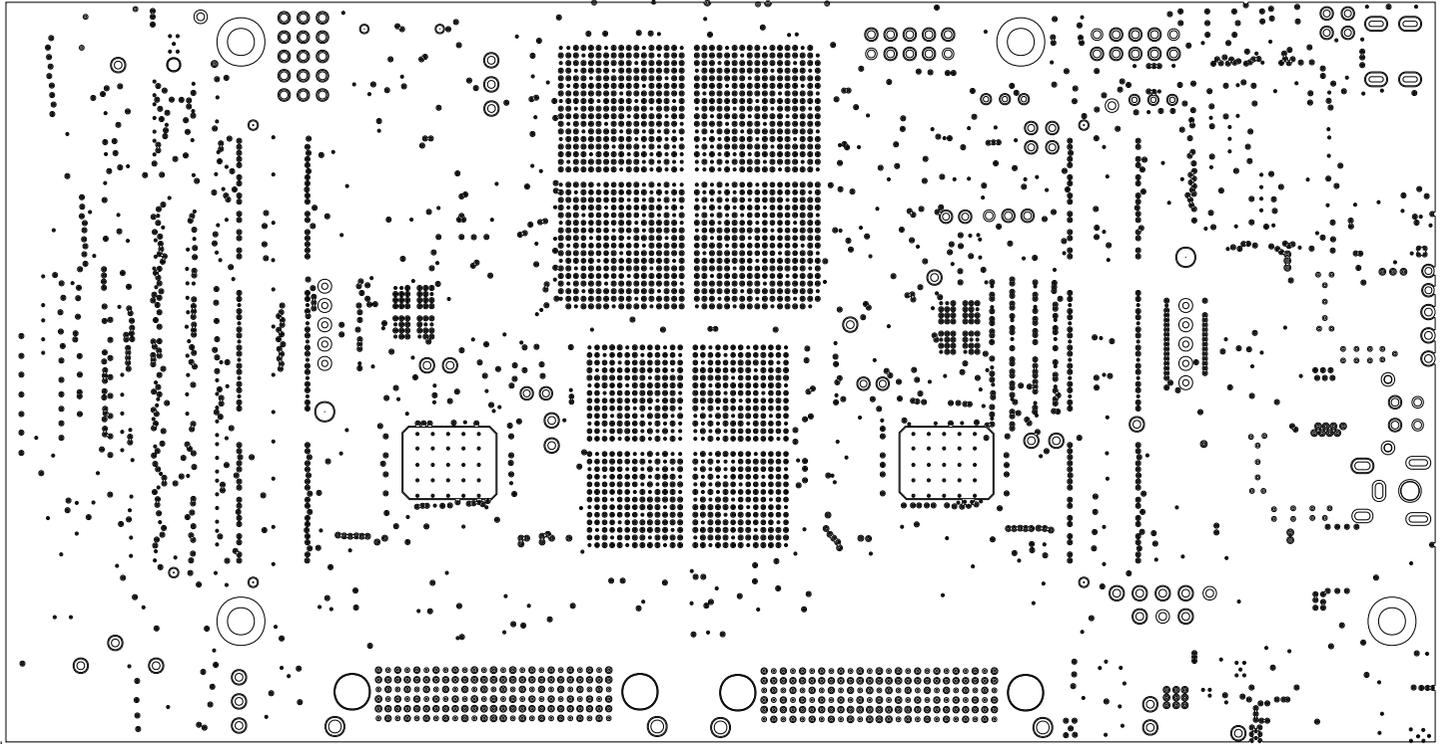
TOTAL BOARD THICKNESS 0.100"

APPROVED		TEXAS INSTRUMENTS	FABRICATION DRAWING	SIZE
CHECKED				
DRAFTING				
DATE	06/09/2023	ENGR	DLPLCRC410EVM	SHEET 1 OF 1
DESIGN ENGR		TOLERANCES UNLESS OTHERWISE SPECIFIED		
PROJECT ENGR		X.XX ± 0.01		
ENGR MGR		X.XXX ± 0.005		
NEXT ASSEMBLY		DD NOT SCALE DRAWING	SCALE NONE	D

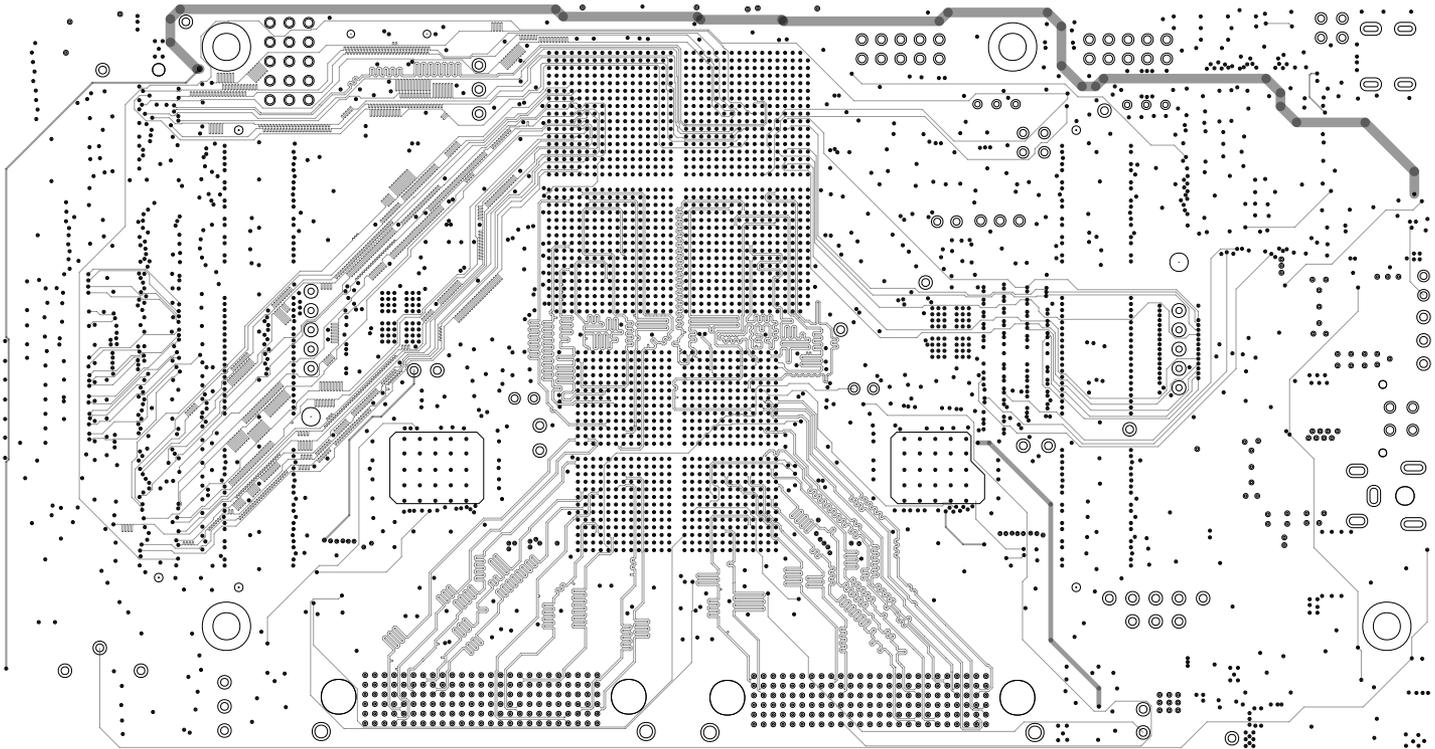


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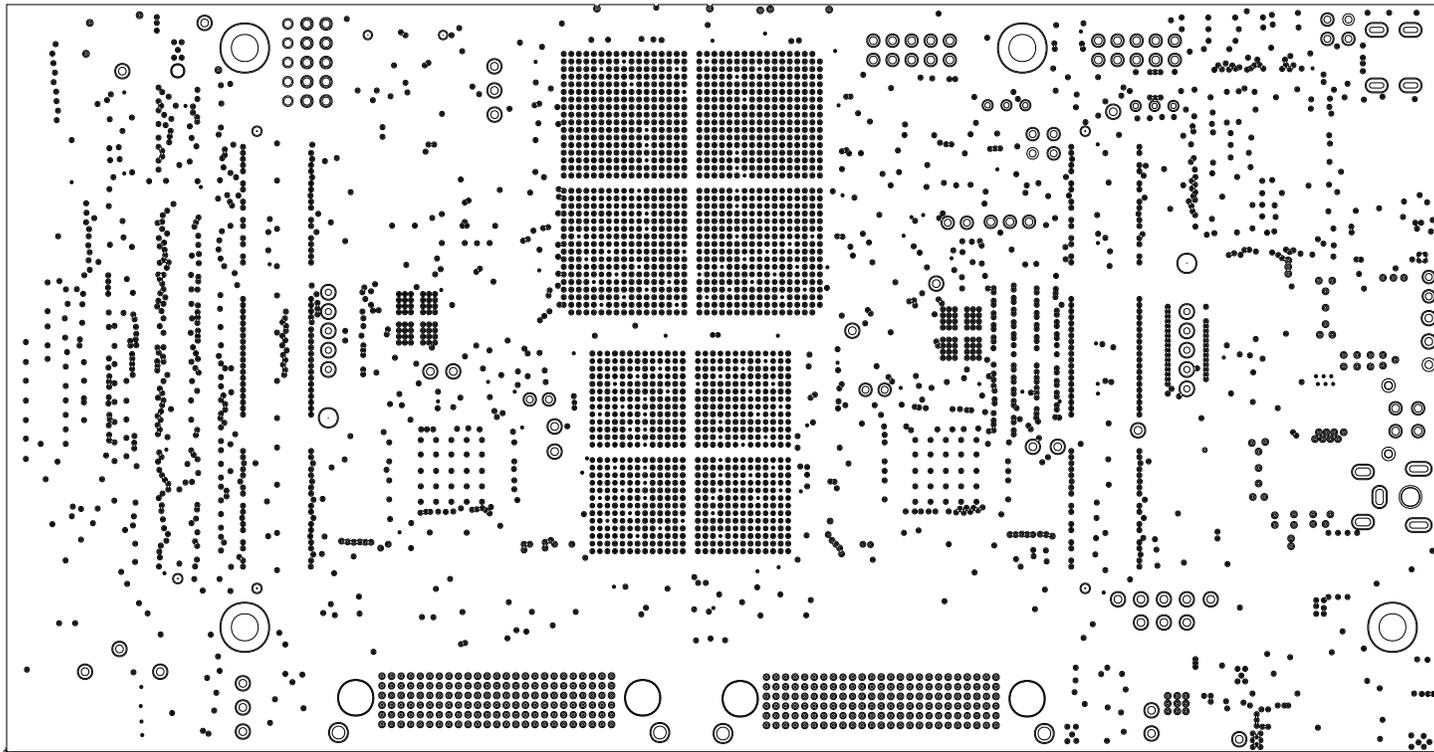
TEXAS INSTRUMENTS	
LAYER 1/20 TOP SIDE	DLPLCRC410EVM
DATE: 06/09/2023	REV: C



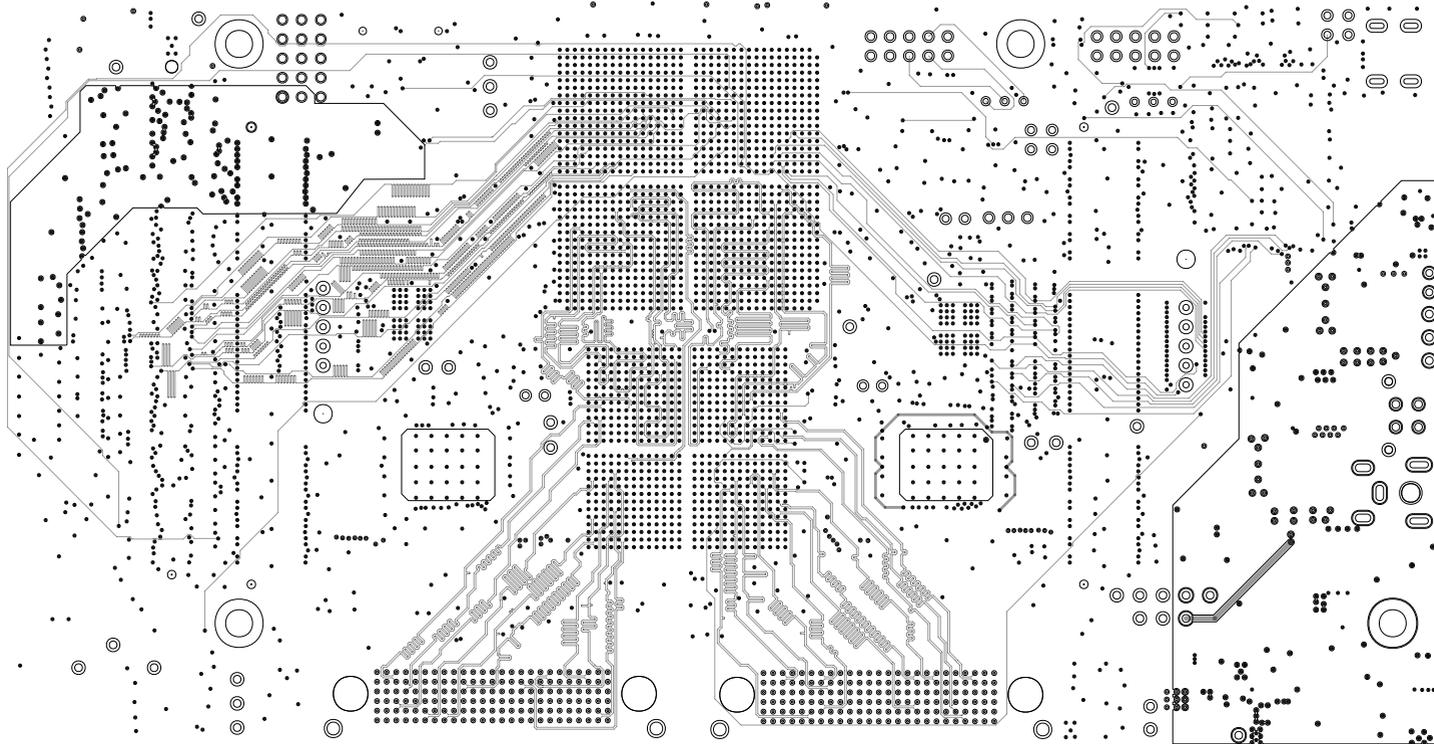
TEXAS INSTRUMENTS	
LAYER 2/20 GROUND 1	DLPLCRC410EVM
DATE: 06/09/2023	REV: C



TEXAS INSTRUMENTS	
LAYER 3/20 SIGNAL 1	DLPLCRC410EVM
DATE: 06/09/2023	REV: C

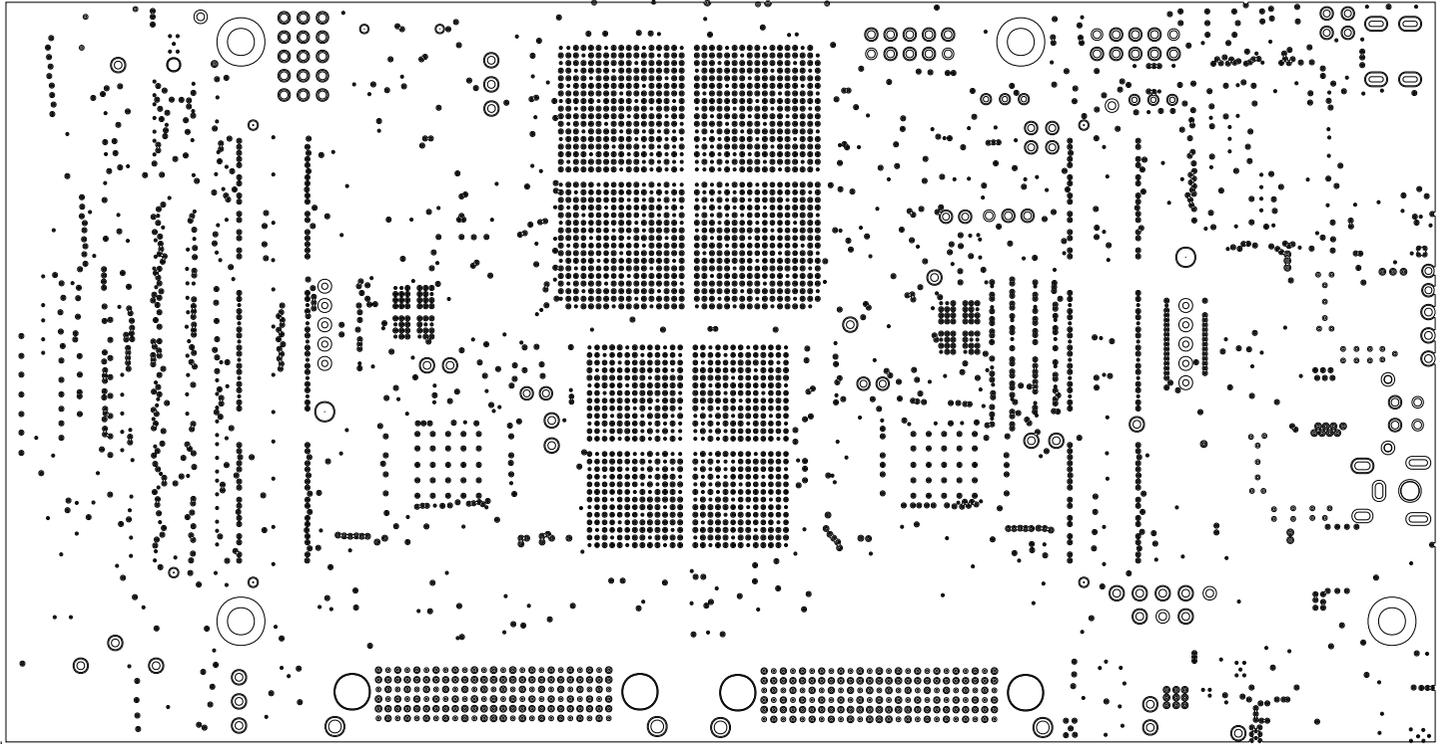


TEXAS INSTRUMENTS	
LAYER 4/20 POWER 1	DLPLCRC410EVM
DATE: 06/09/2023	REV: C

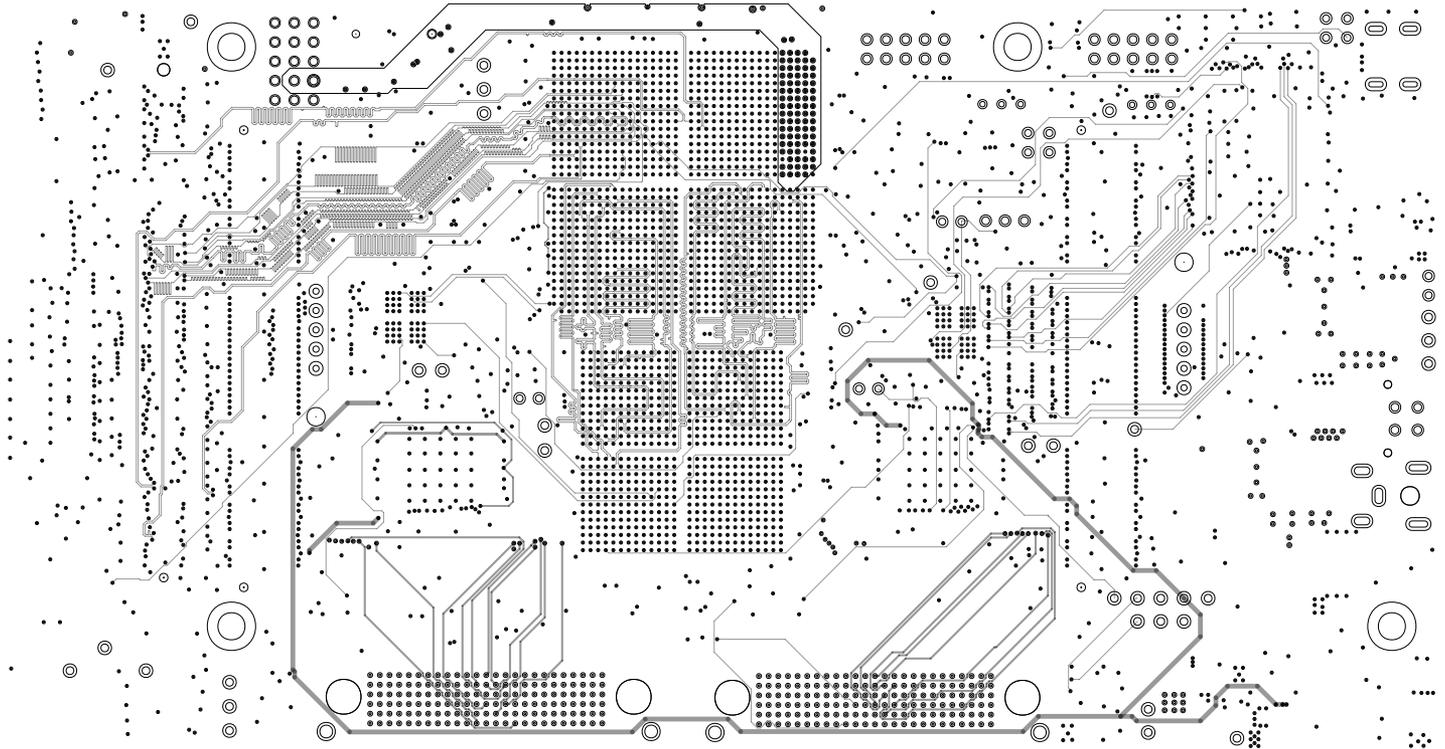


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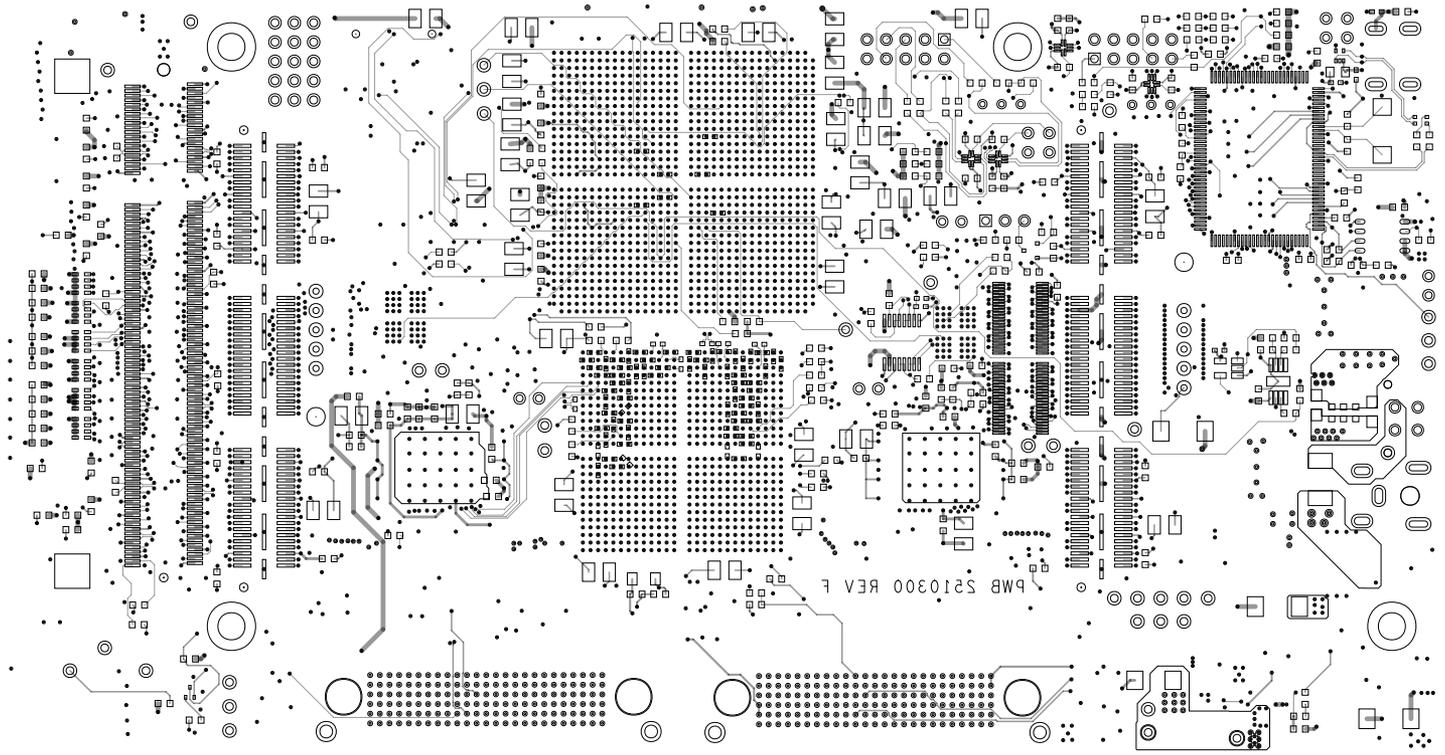
TEXAS INSTRUMENTS	
LAYER 5/20 SIGNAL 2	DLPLCRC410EVM
DATE: 06/09/2023	REV: C



TEXAS INSTRUMENTS	
LAYER 6/20 GROUND 2	DLPLCRC410EVM
DATE: 06/09/2023	REV: C



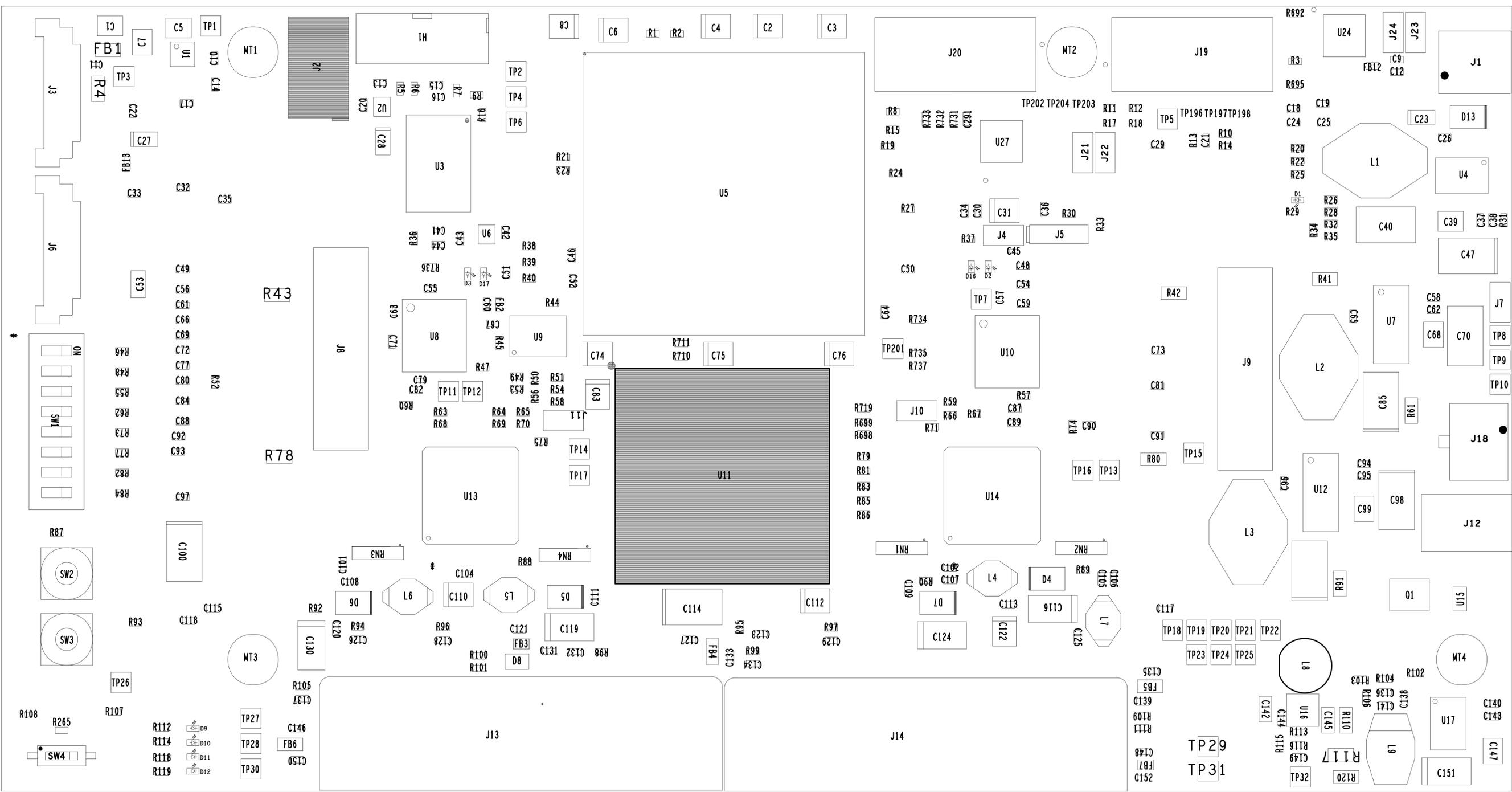
TEXAS INSTRUMENTS	
LAYER 7/20 SIGNAL 3	DLPLCRC410EVM
DATE: 06/09/2023	REV: C



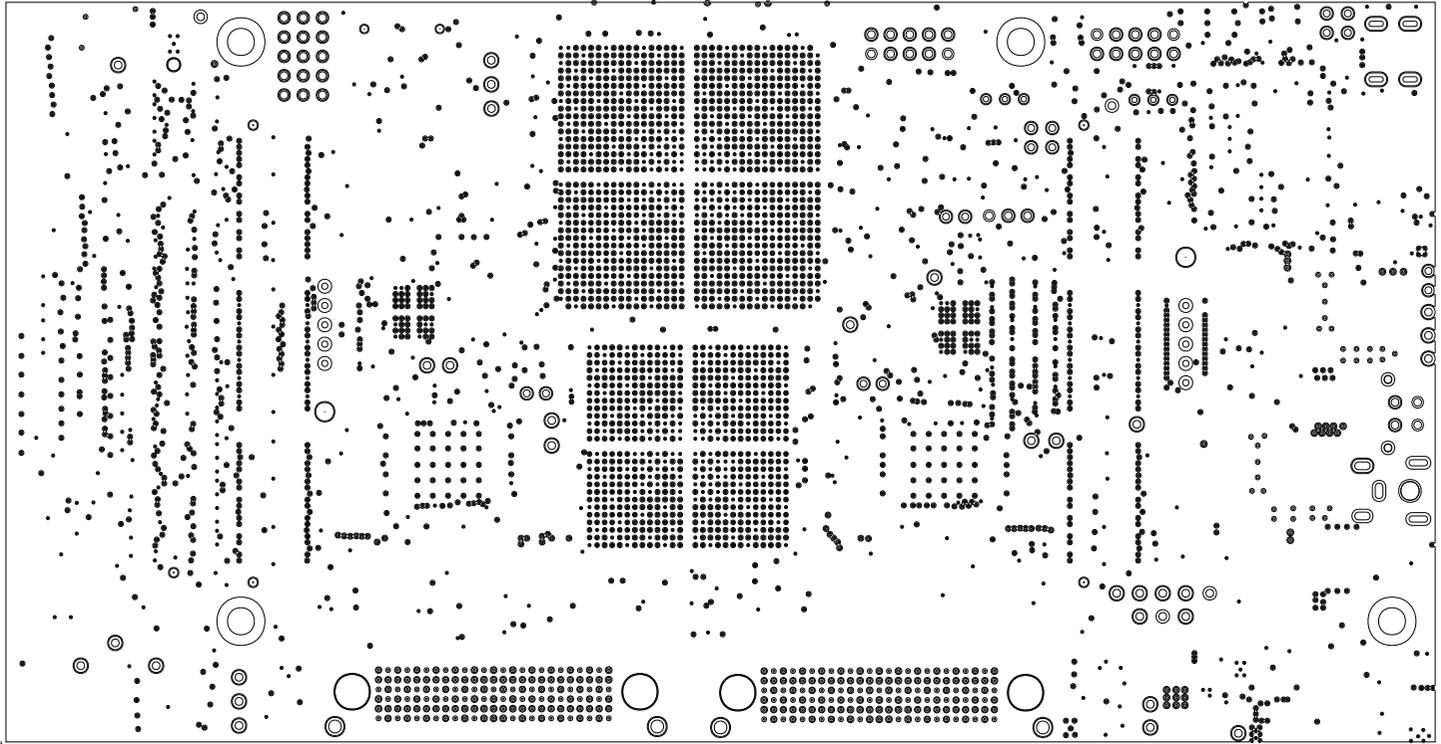
TEXAS INSTRUMENTS	
LAYER 20/20 BOTTOM SIDE	DLPLCRC410EVM
DATE: 06/09/2023	REV: C



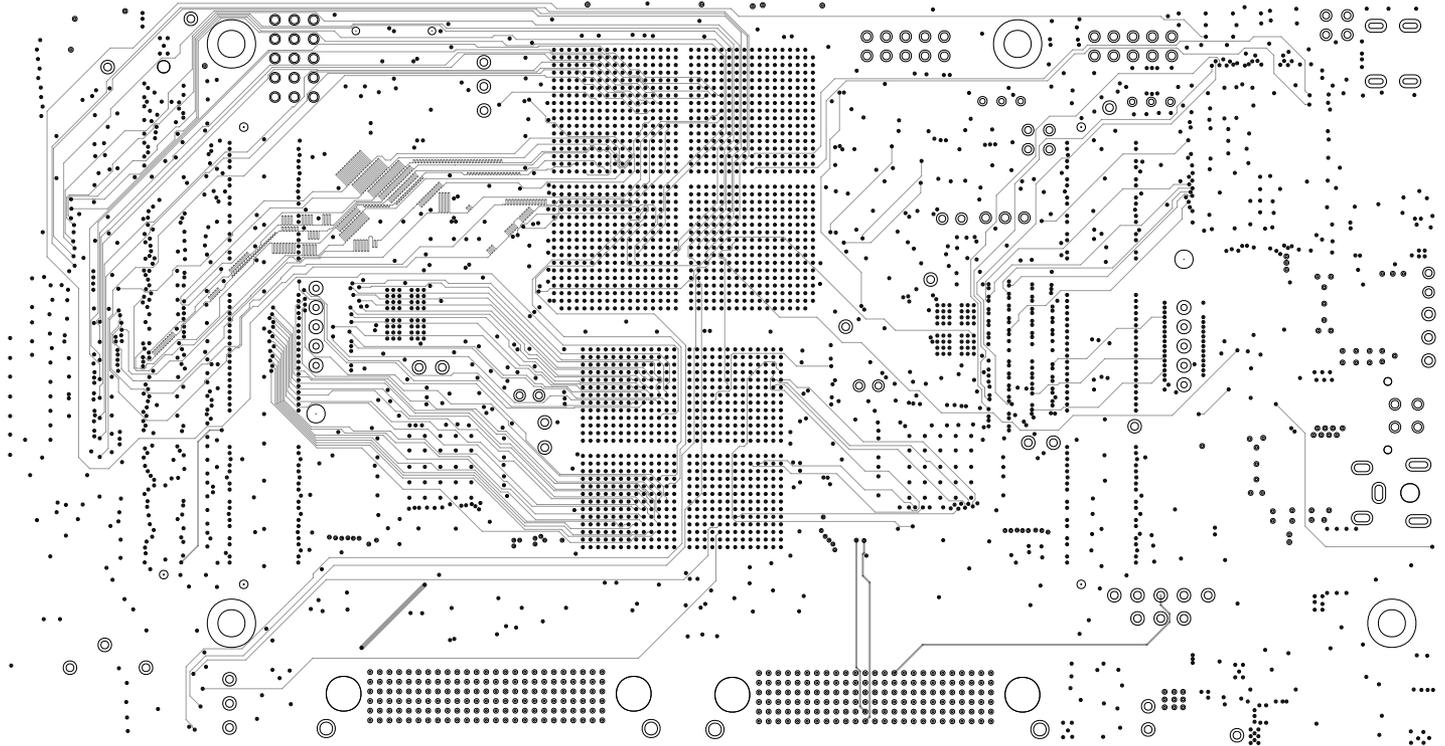
APPROVED		TEXAS INSTRUMENTS	ASSEMBLY DRAWING	DLPLCRC410EVM	SCALE NONE	SHEET 2 OF 2	SIZE D
CHECKED							
DRAFTING							
DATE	06/09/2023	ENGR	TOLERANCES UNLESS OTHERWISE SPECIFIED				
DESIGN ENGR			X.XX ± 0.01				
PROJECT ENGR			X.XXX ± 0.005				
ENGR MGR			ANGLES ± 1/2°				
NEXT ASSEMBLY		DO NOT SCALE DRAWING					



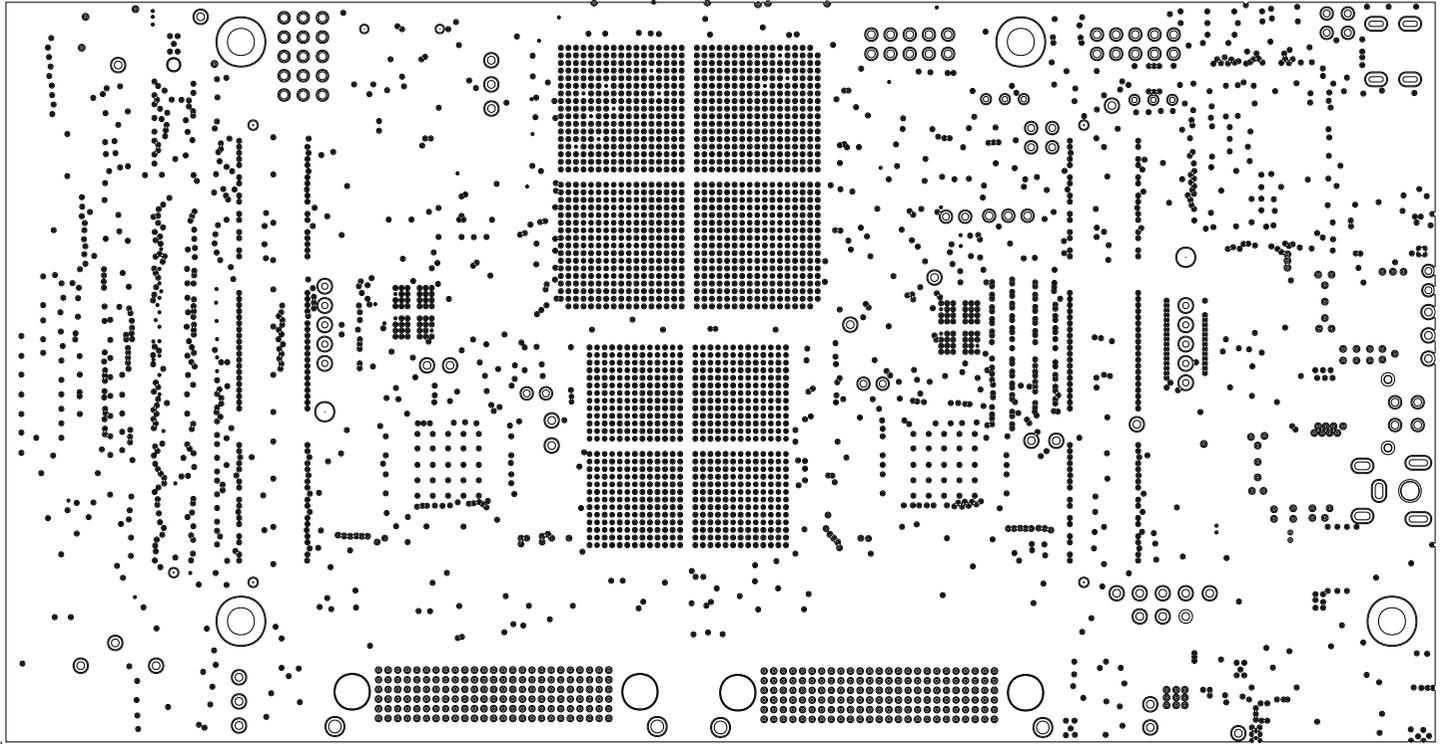
APPROVED		TEXAS INSTRUMENTS	
CHECKED		ASSEMBLY DRAWING	
DRAFTING		DLPLCRC410EVM	
DATE	06/09/2023	ENGR	
DESIGN ENGR		TOLERANCES UNLESS OTHERWISE SPECIFIED	
PROJECT ENGR		X.XX ± 0.01	
ENGR MGR		X.XXX ± 0.005	
NEXT ASSEMBLY		ANGLES ± 1/2°	
		SCALE NONE	
		SHEET 1 OF 2	
		SIZE D	



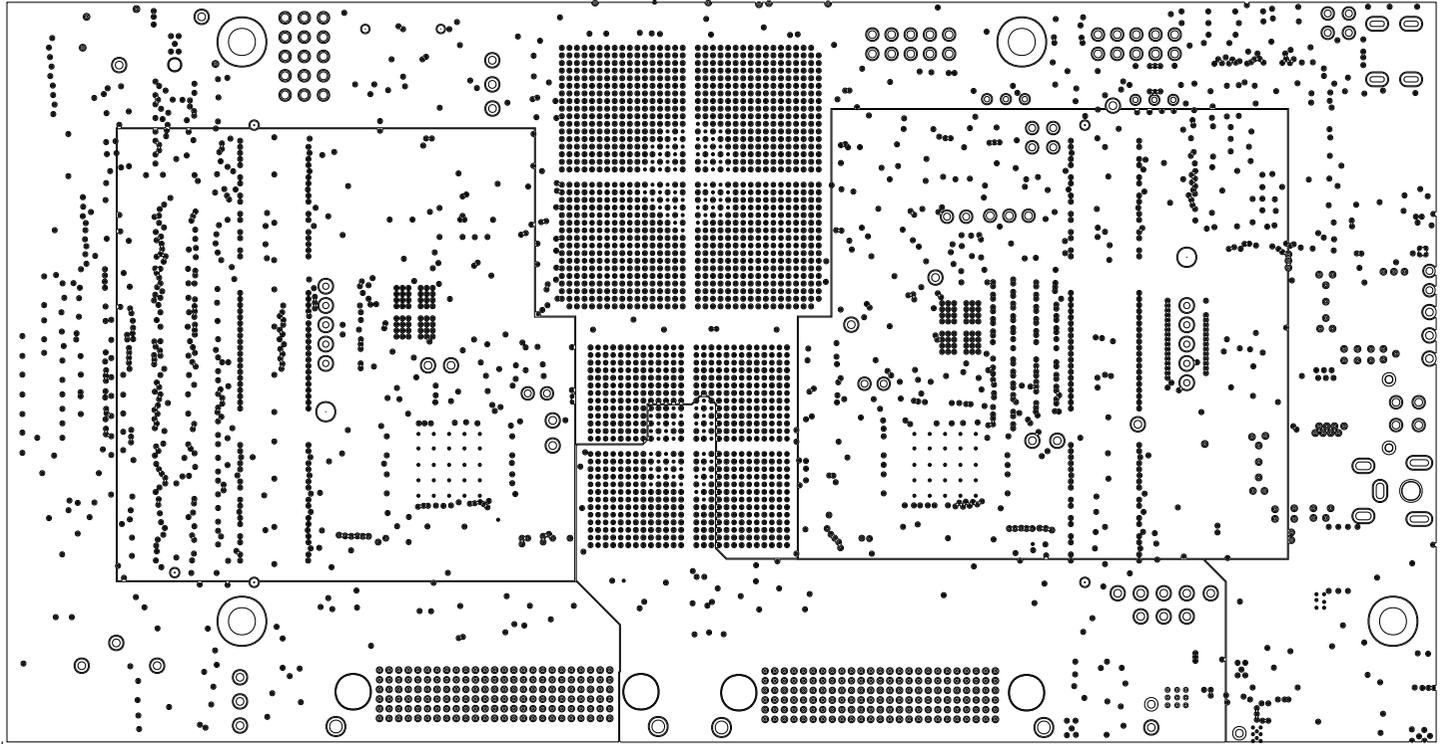
TEXAS INSTRUMENTS	
LAYER 8/20 GROUND 3	DLPLCRC410EVM
DATE: 06/09/2023	REV: C



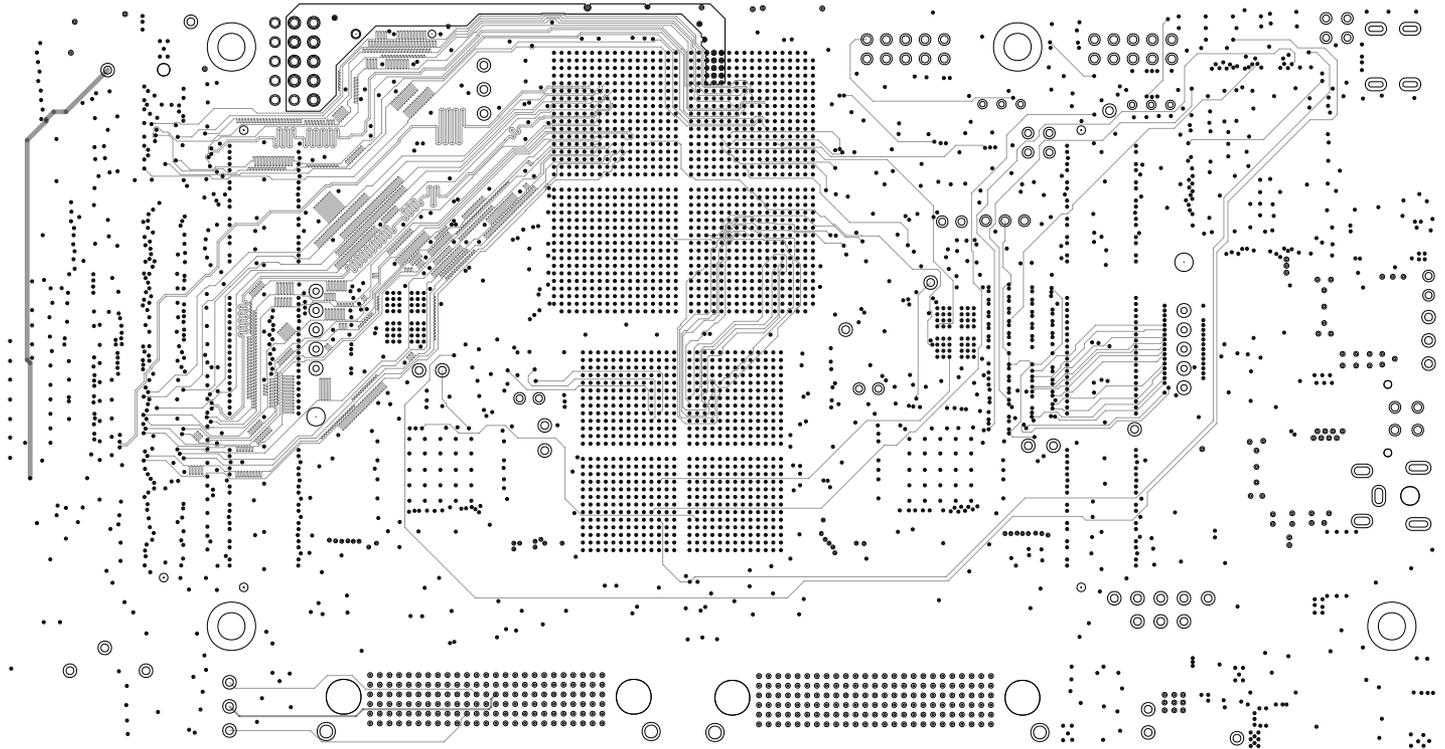
TEXAS INSTRUMENTS	
LAYER 9/20 SIGNAL 4	DLPLCRC410EVM
DATE: 06/09/2023	REV: C



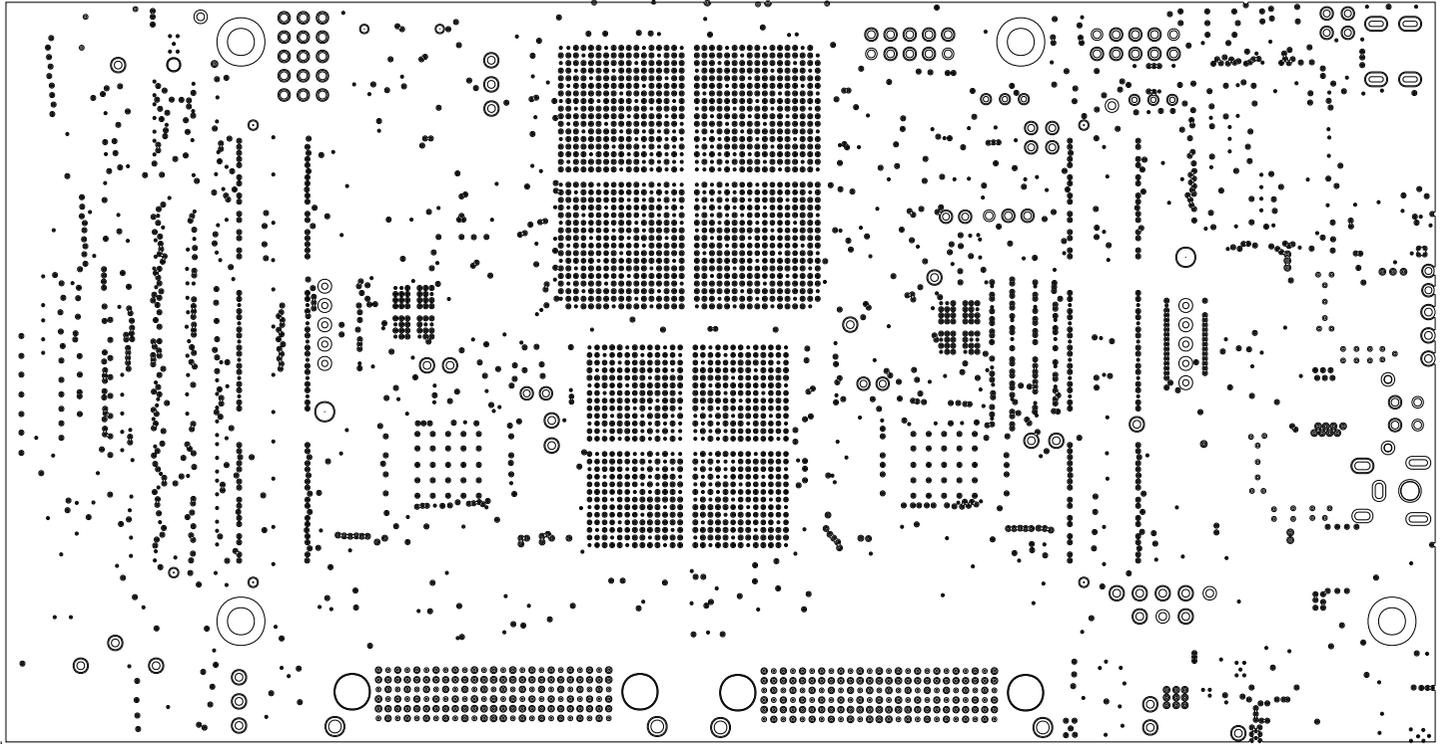
TEXAS INSTRUMENTS	
LAYER 10/20 POWER 2	DLPLCRC410EVM
DATE: 06/09/2023	REV: C



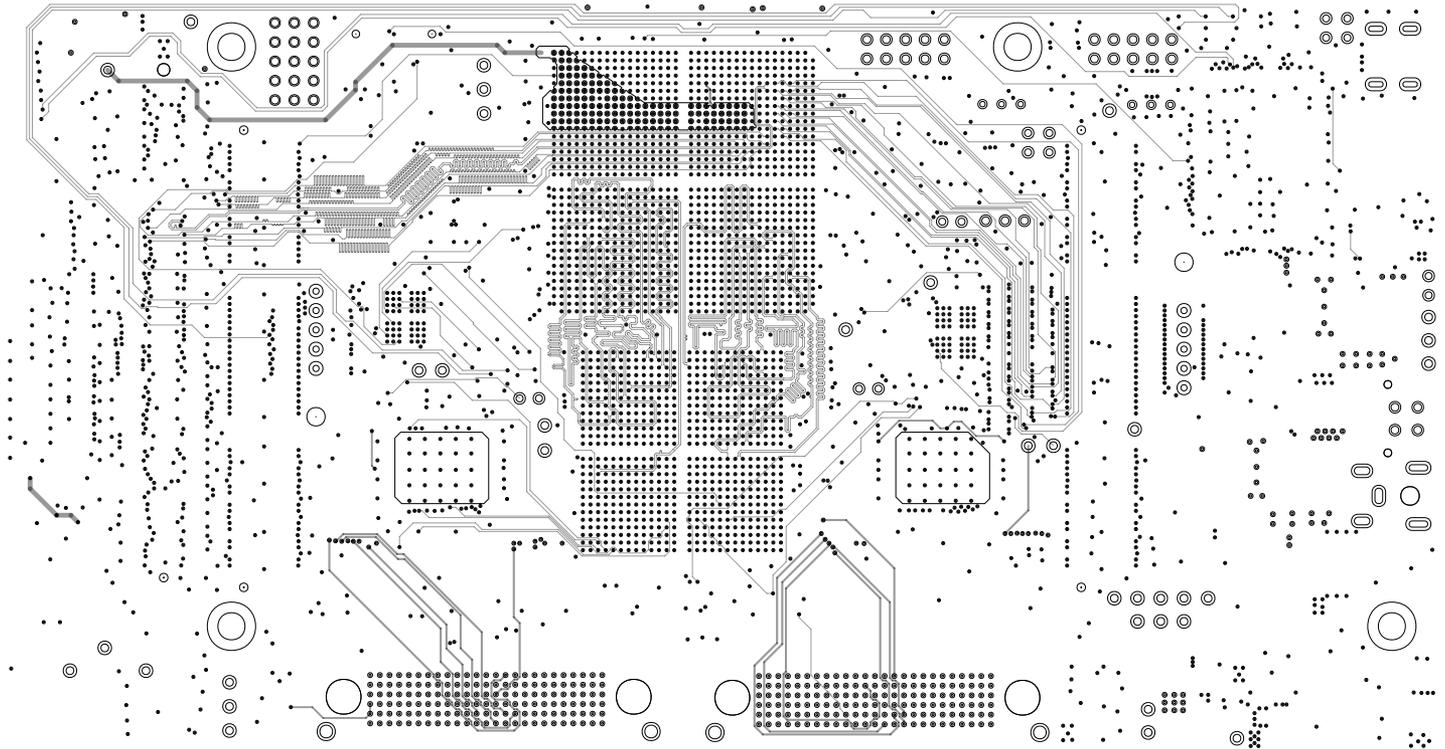
TEXAS INSTRUMENTS		
LAYER 11/20 POWER 3	DLPLCRC410EVM	
DATE: 06/09/2023	REV: C	



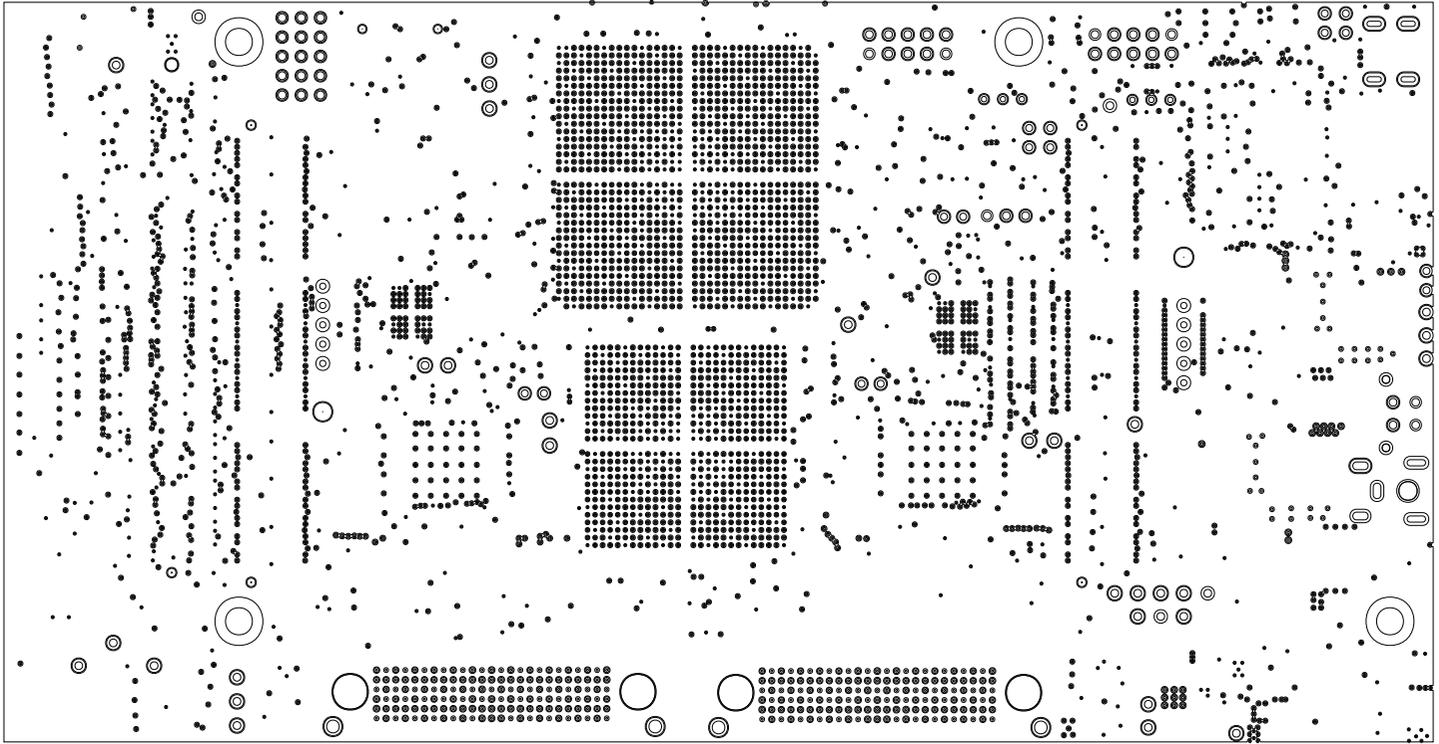
TEXAS INSTRUMENTS	
LAYER 12/20 SIGNAL 5	DLPLCRC410EVM
DATE: 06/09/2023	REV: C



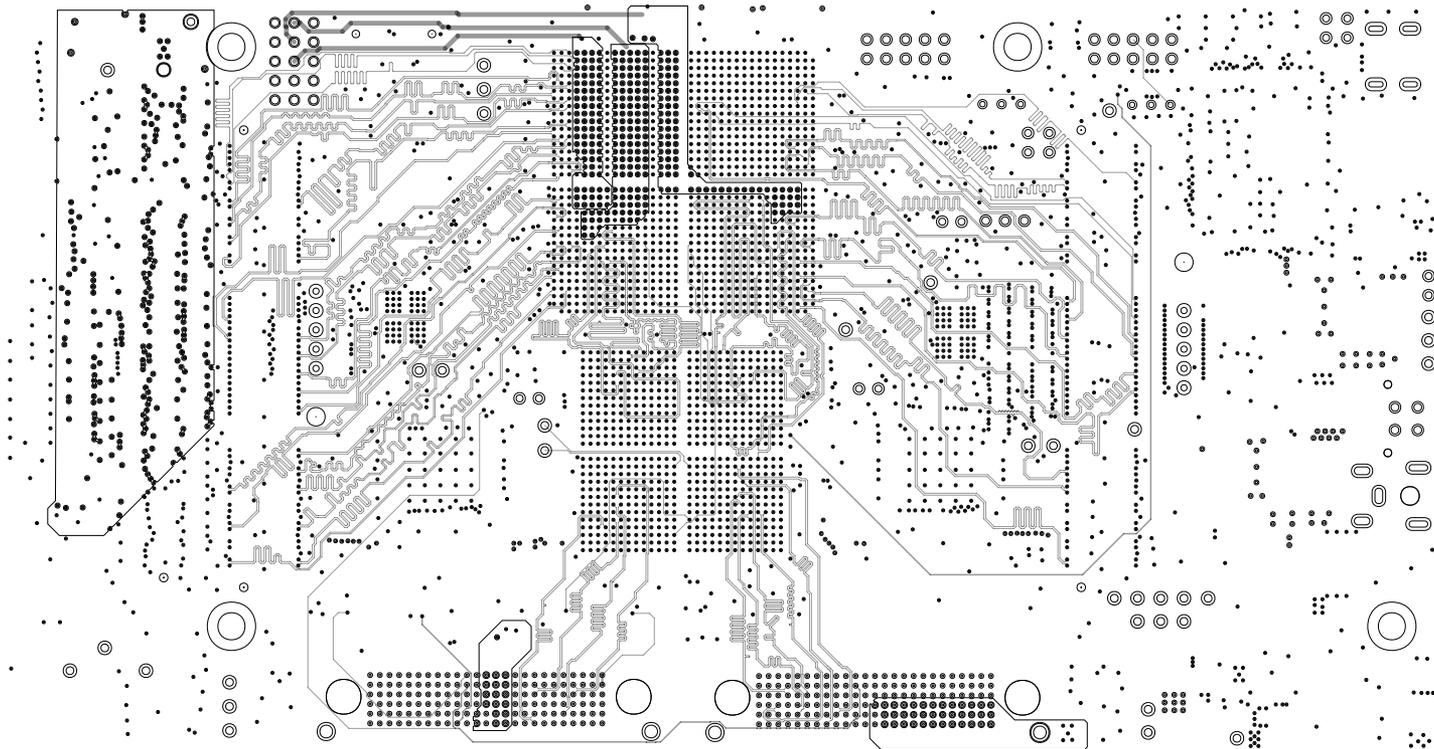
TEXAS INSTRUMENTS	
LAYER 13/20 GROUND 4	DLPLCRC410EVM
DATE: 06/09/2023	REV: C



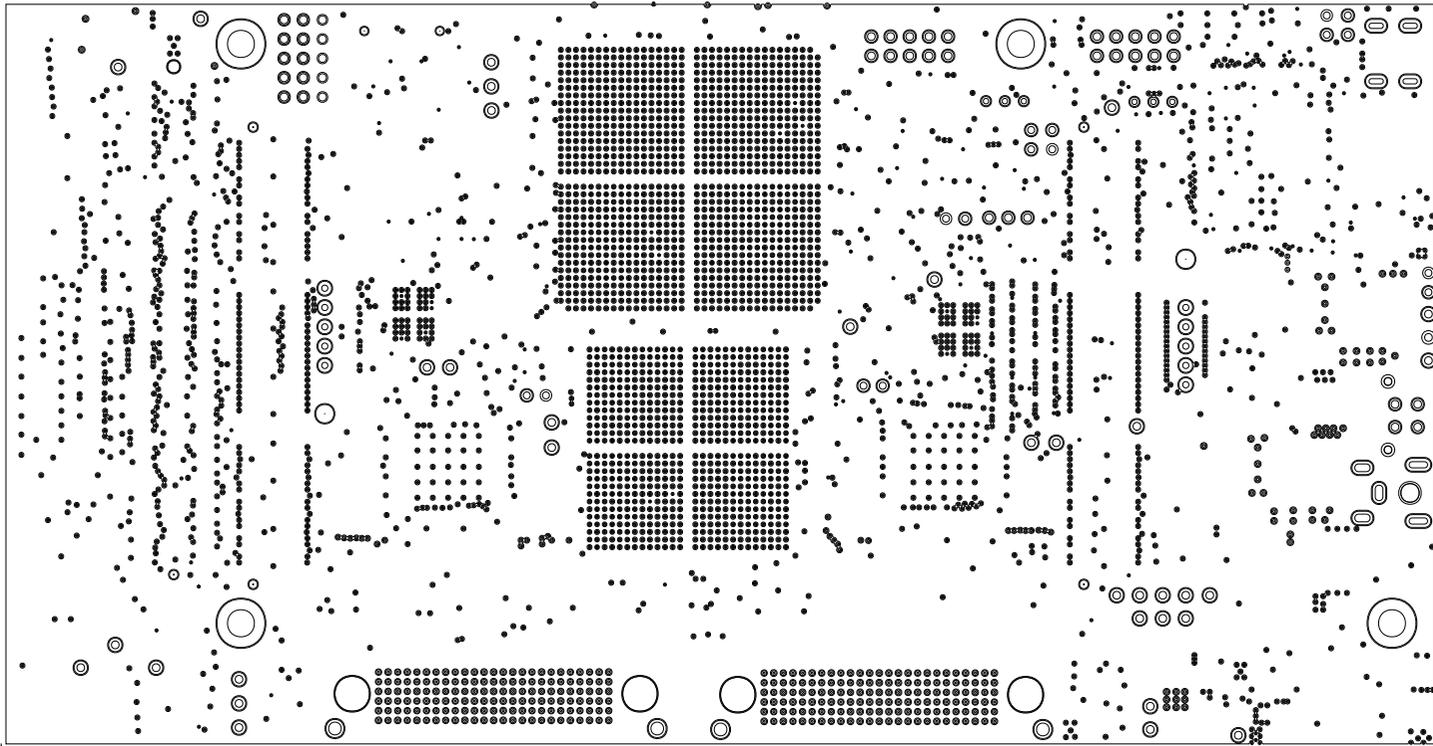
TEXAS INSTRUMENTS	
LAYER 14/20 SIGNAL 6	DLPLCRC410EVM
DATE: 06/09/2023	REV: C



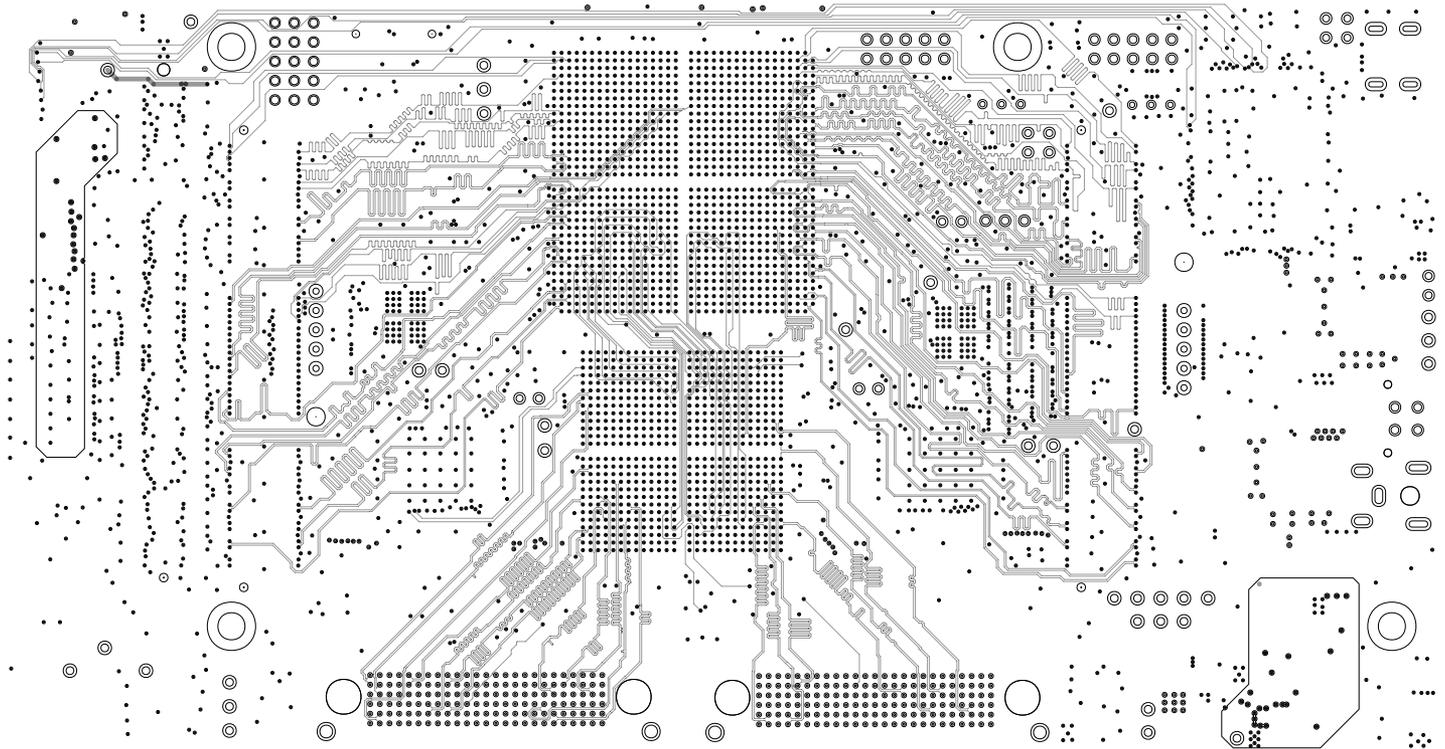
TEXAS INSTRUMENTS	
LAYER 15/20 GROUND 5	DLPLCRC410EVM
DATE: 06/09/2023	REV: C



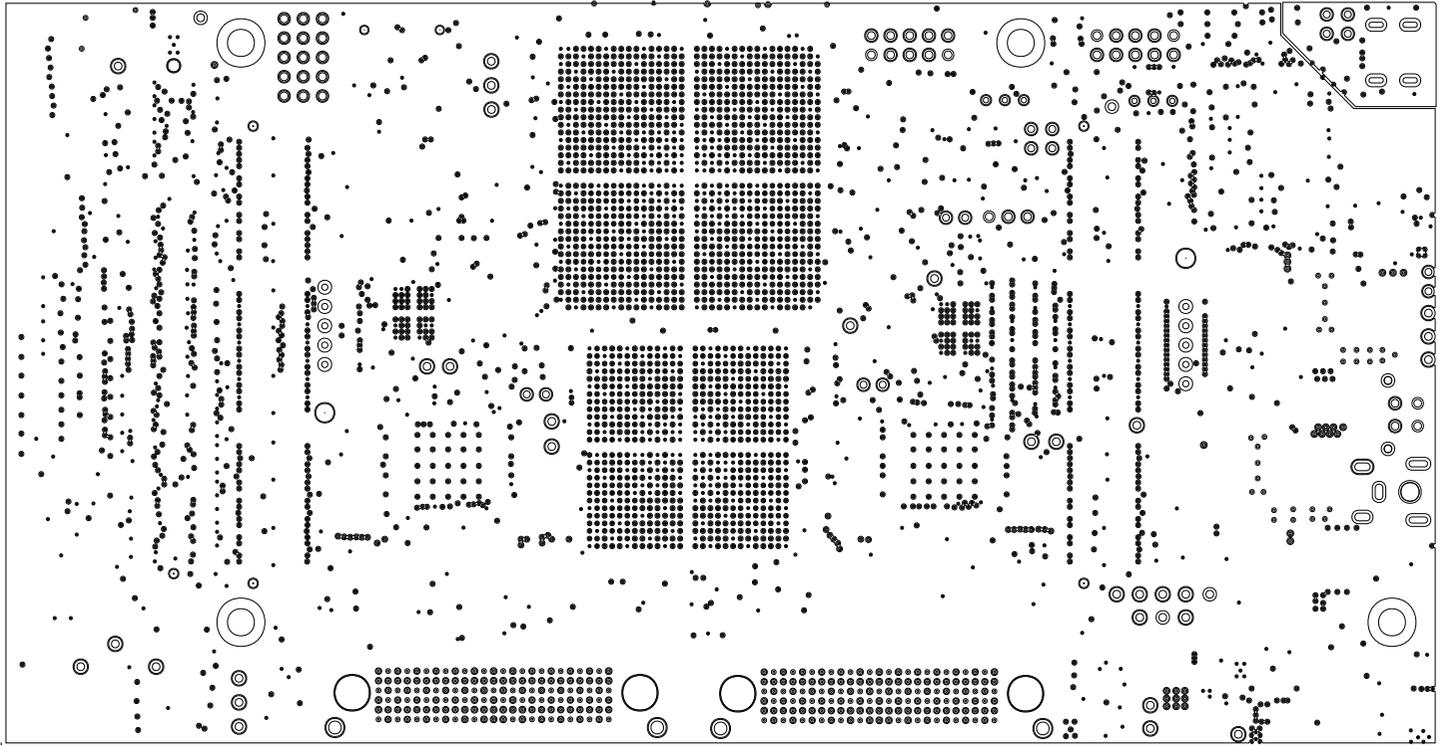
TEXAS INSTRUMENTS	
LAYER 16/20 SIGNAL 7	DLPLCRC410EVM
DATE: 06/09/2023	REV: C



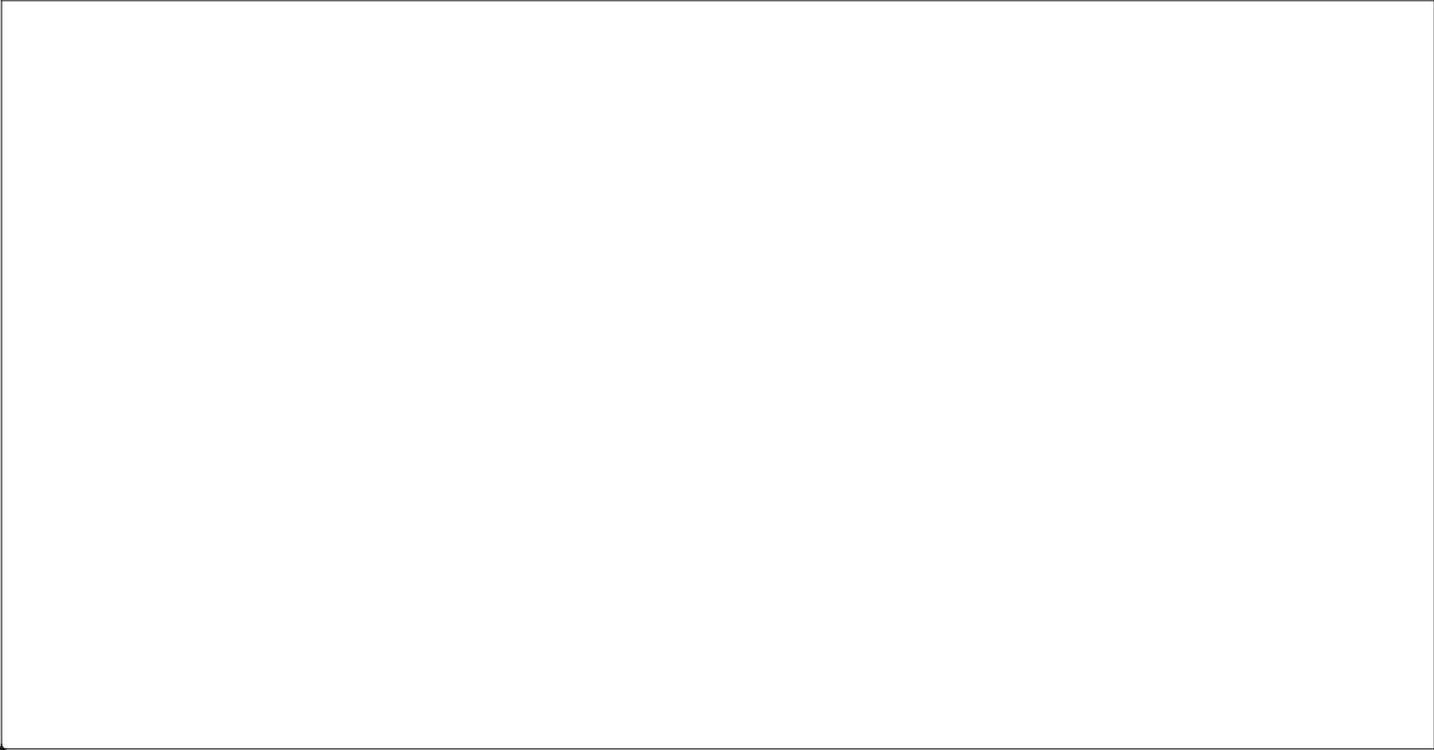
TEXAS INSTRUMENTS	
LAYER 17/20 POWER 4	DLPLCRC410EVM
DATE: 06/09/2023	REV: C



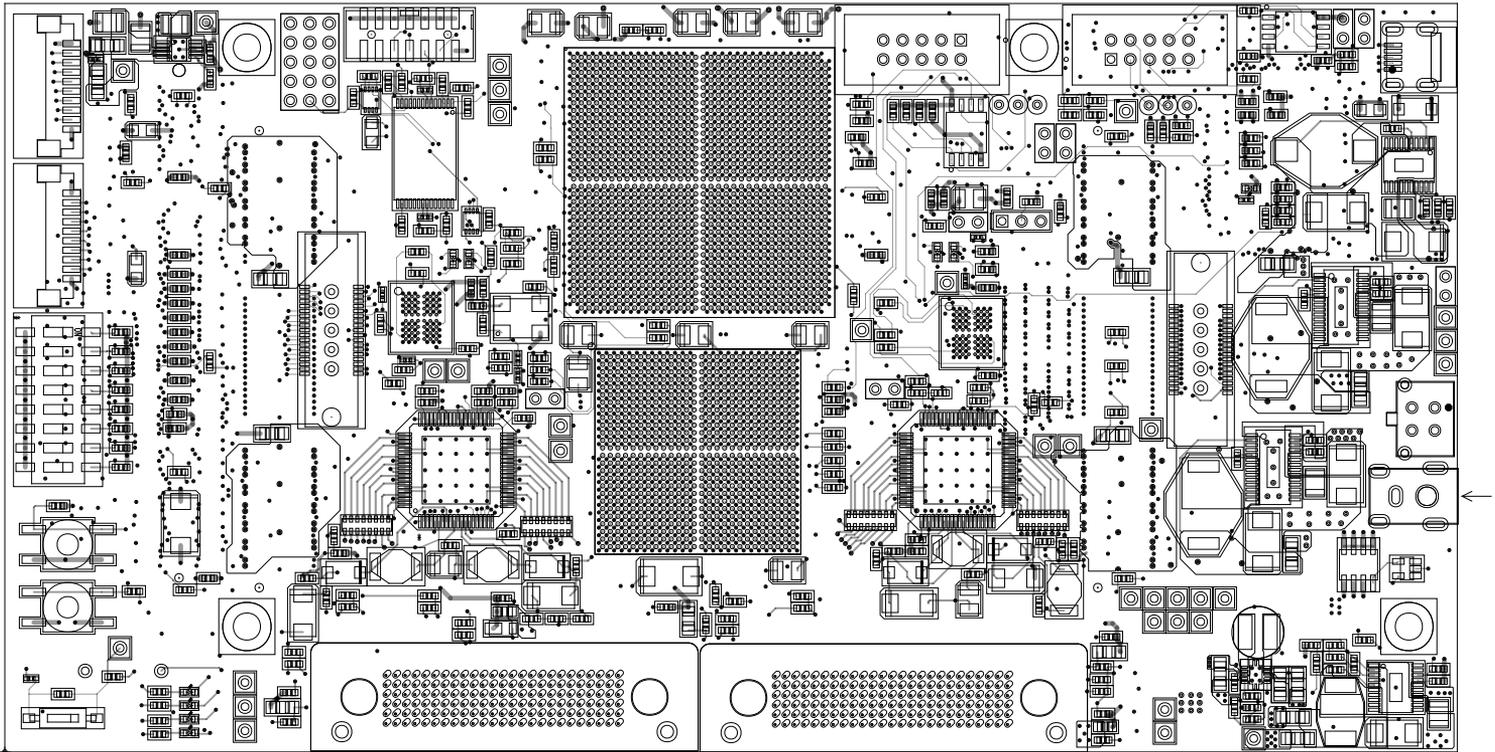
TEXAS INSTRUMENTS	
LAYER 18/20 SIGNAL 8	DLPLCRC410EVM
DATE: 06/09/2023	REV: C



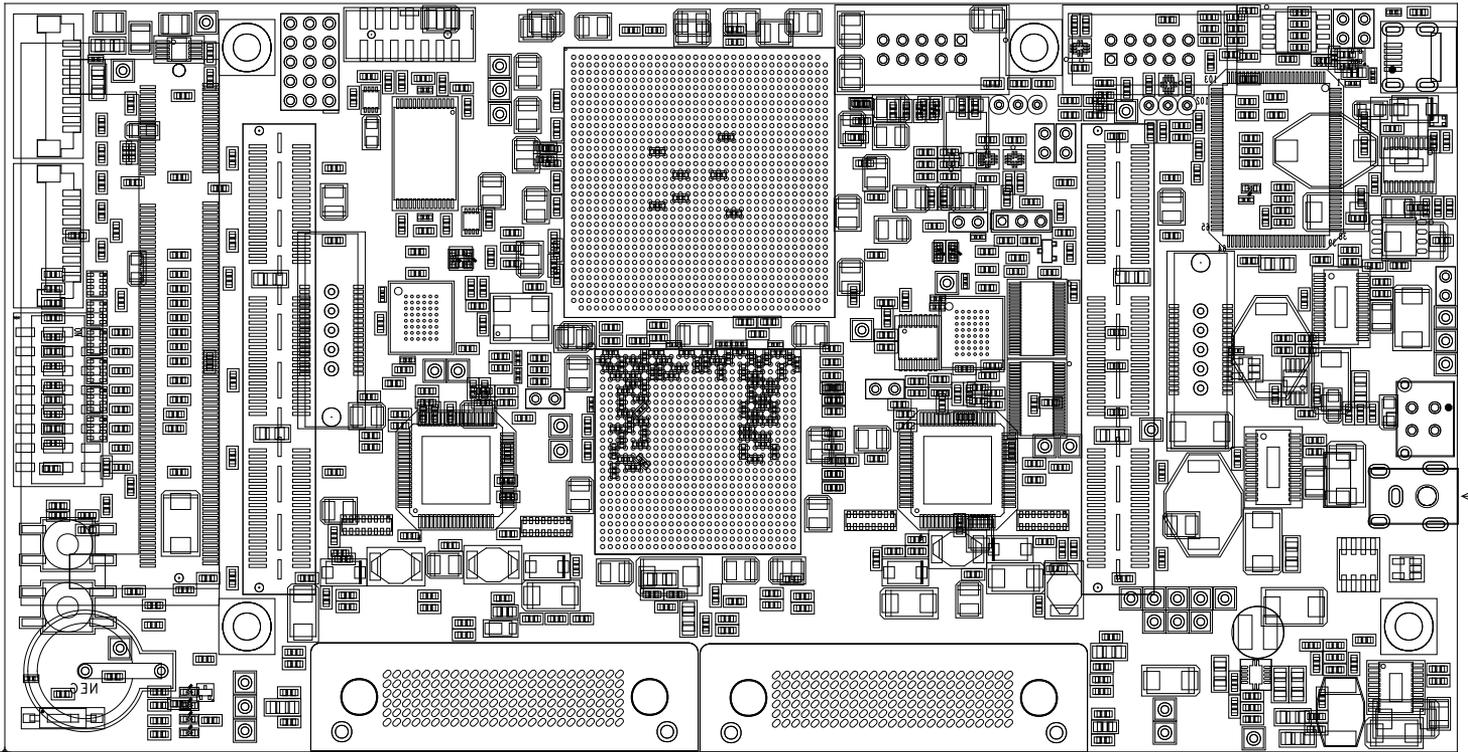
TEXAS INSTRUMENTS	
LAYER 19/20 GROUND 6	DLPLCRC410EVM
DATE: 06/09/2023	REV: C



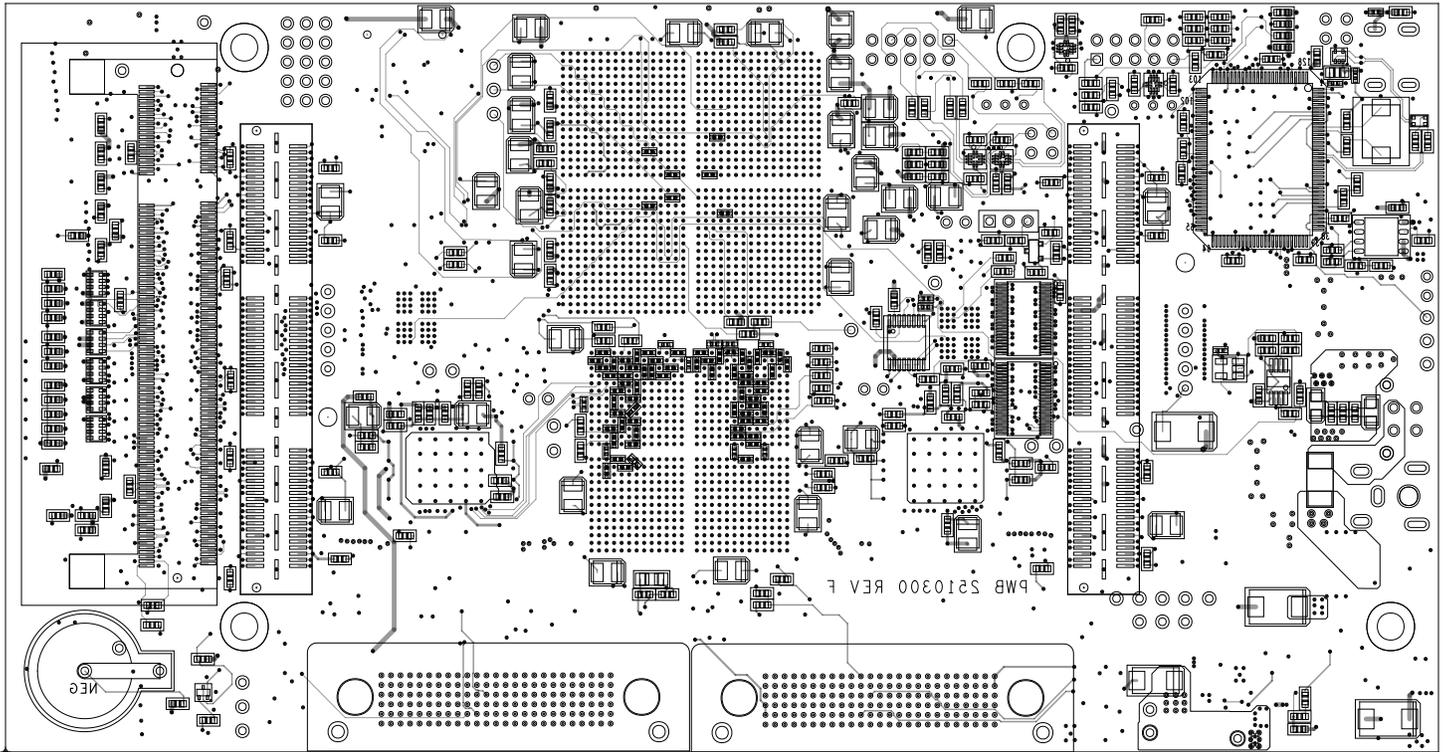
TEXAS INSTRUMENTS	
OUTLINE	DLPLCRC410EVM
DATE: 06/09/2023	REV: C



TEXAS INSTRUMENTS	
LAYER 1/20 TOP SIDE	DLPLCRC410EVM
DATE: 06/09/2023	REV: C



TEXAS INSTRUMENTS	
OUTLINE	DLPLCRC410EVM
DATE: 06/09/2023	REV: C



TEXAS INSTRUMENTS	
LAYER 20/20 BOTTOM SIDE	DLPLCRC410EVM
DATE: 06/09/2023	REV: C