

CUSTOMER NAME : TEXAS INSTRUMENTS

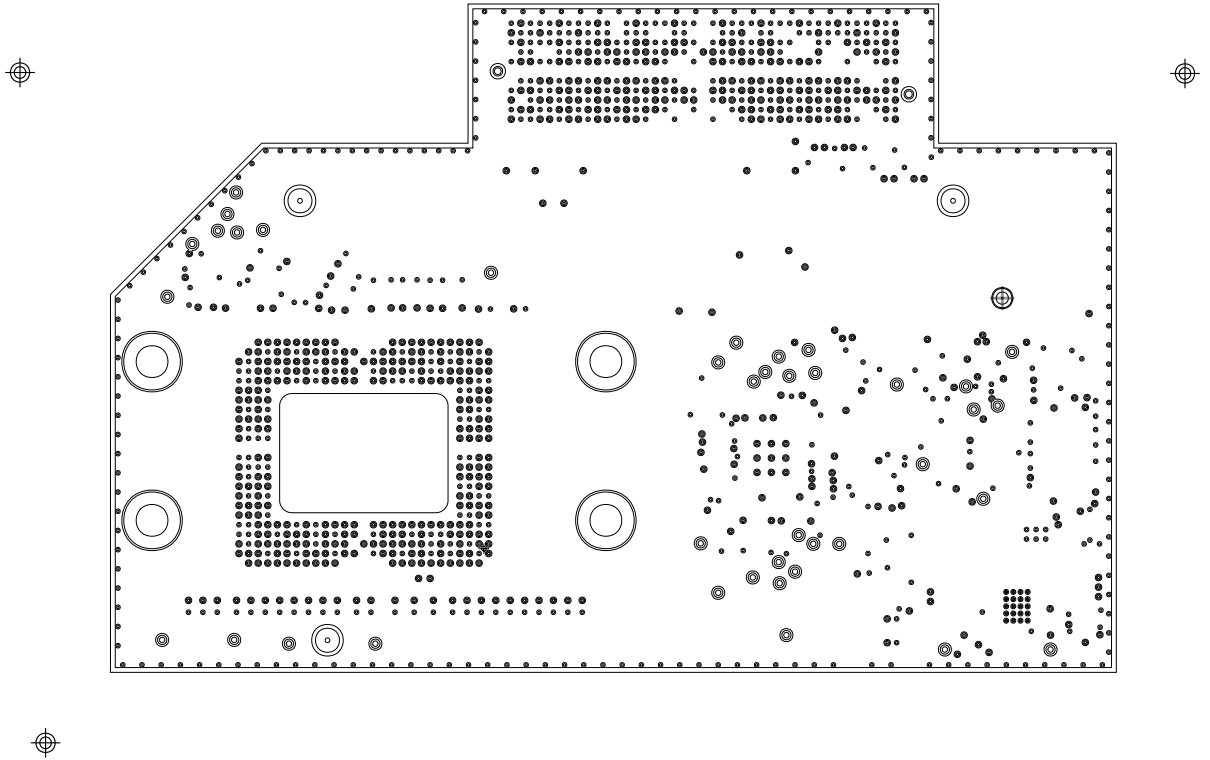
DATE: FEB 2023

PAC NUMBER: 305-PD-22-1008

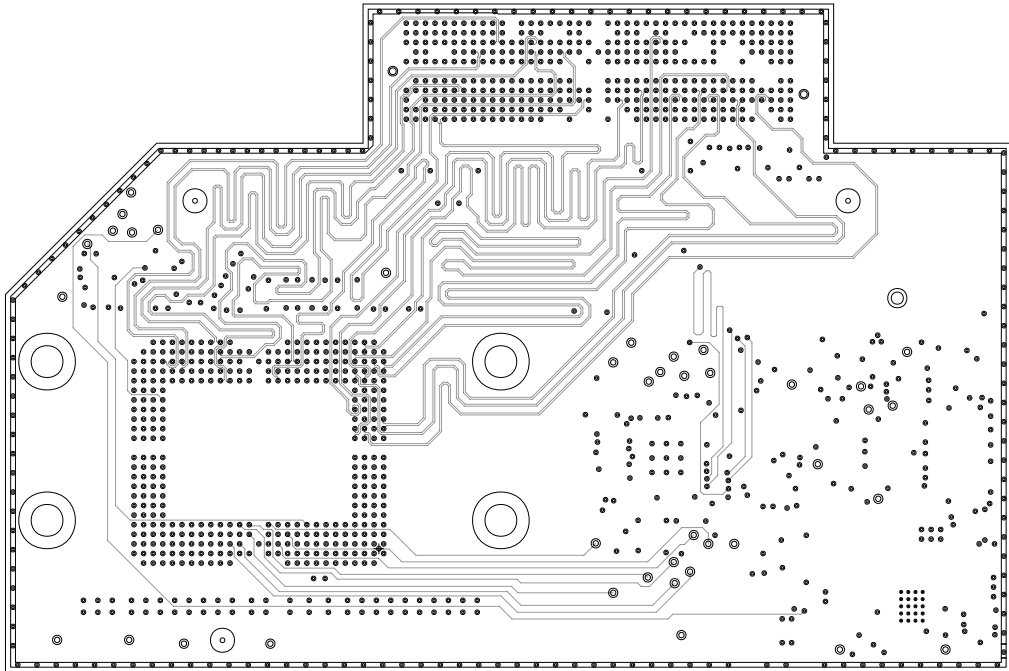
JOB NAME: DLP780NE_DLP800RE_DLP780TE

REV:1

FILM LAYER: ASSEMBLY

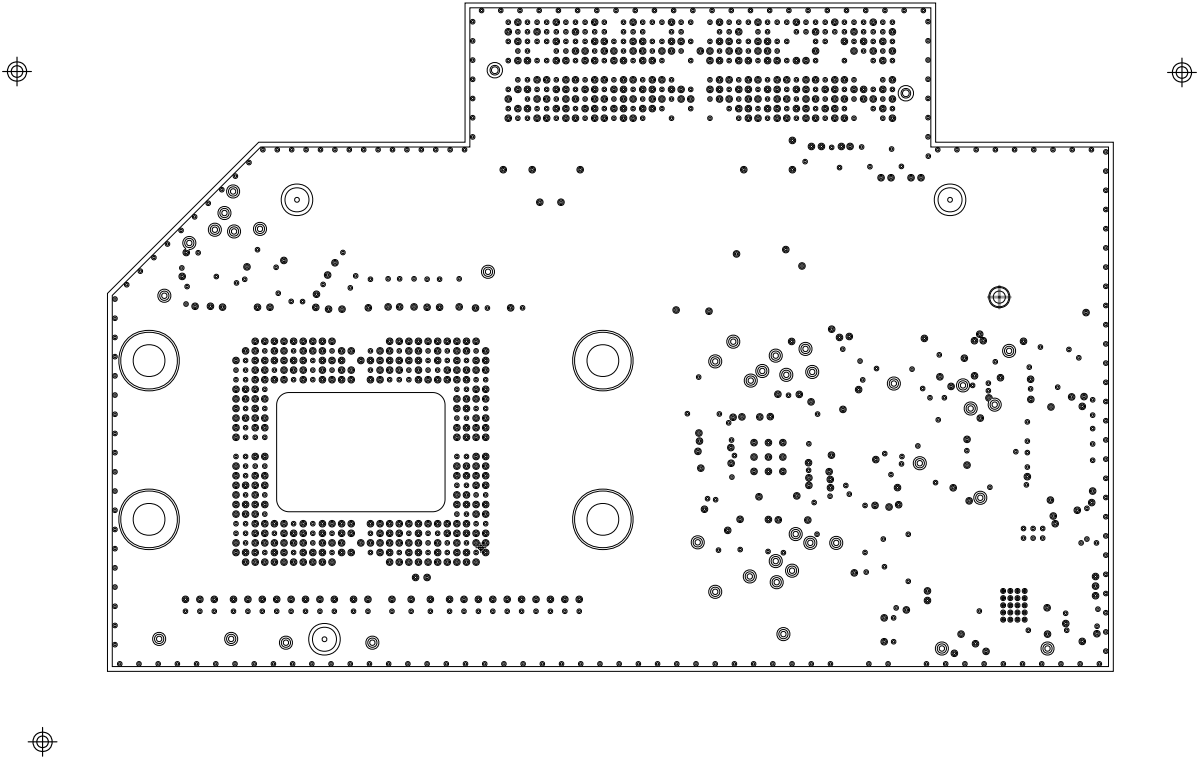


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JOB NAME: DLP780NE_DLP800RE_DLP780TE	REV:1
FILM LAYER: 02_GND1	

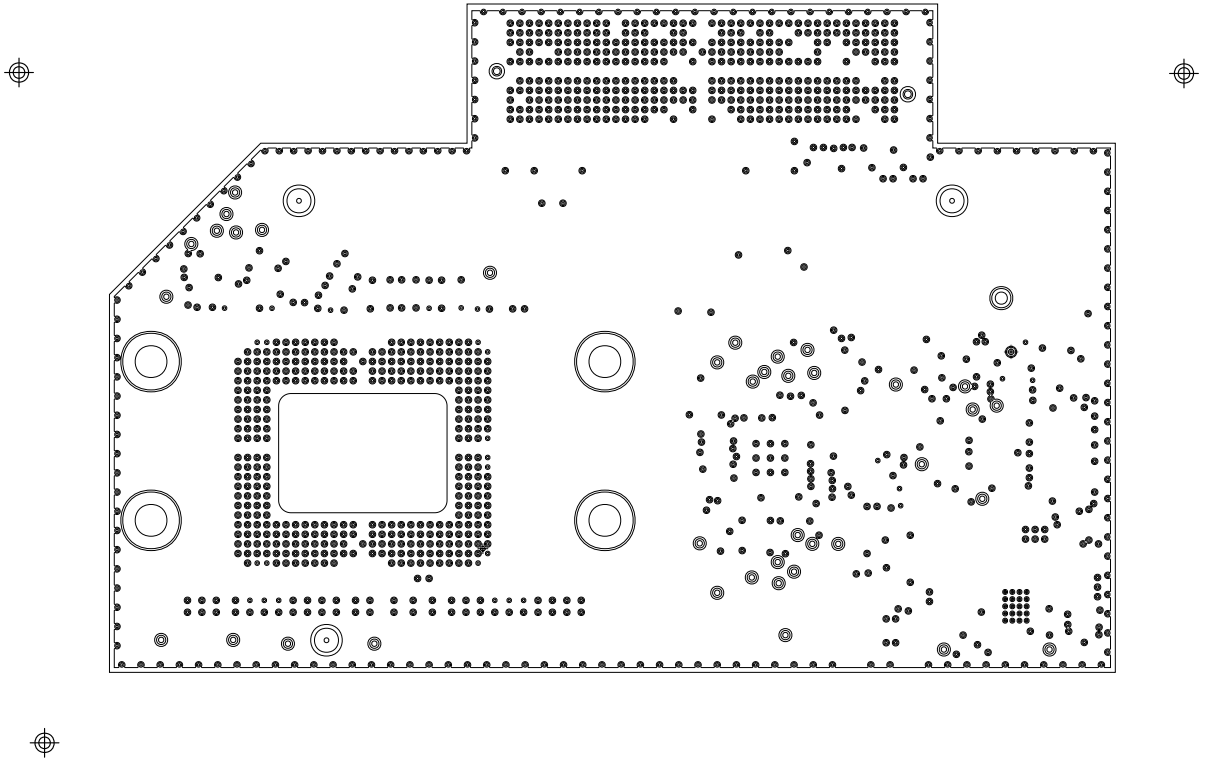


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DATE: FEB 2023
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JOB NAME: DLP780NE_DLP800RE_DLP780TE
FILM LAYER: 03_SIG1

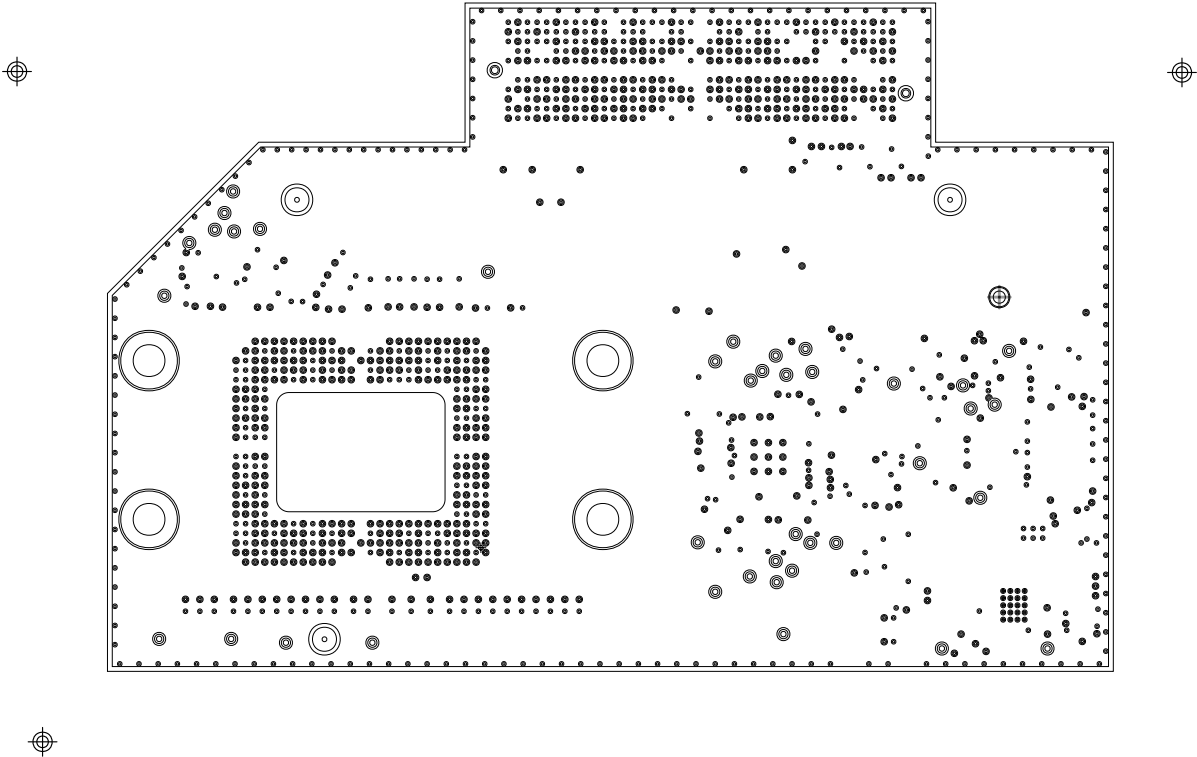
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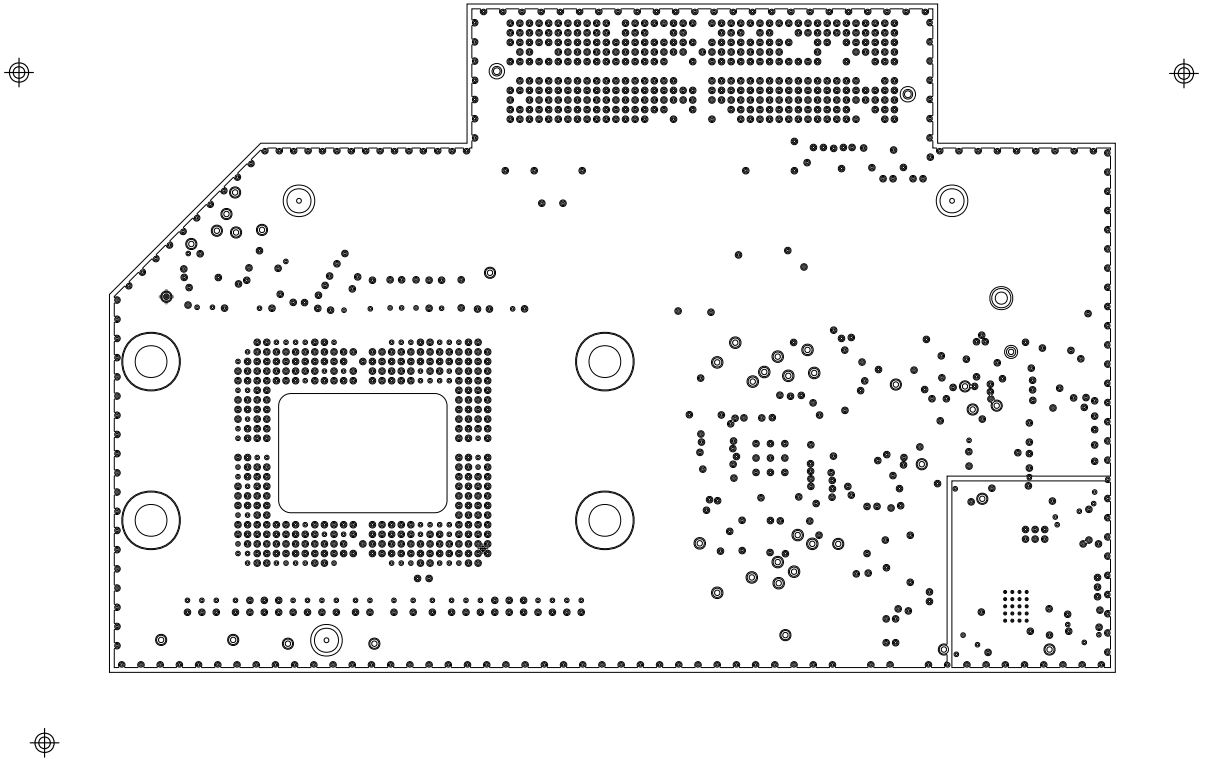
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JOB NAME: DLP780NE_DLP800RE_DLP780TE	REV:1
FILM LAYER: 04_GND2	



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JOB NAME: DLP780NE_DLP800RE_DLP780TE	REV:1
FILM LAYER: 07_PWR2	



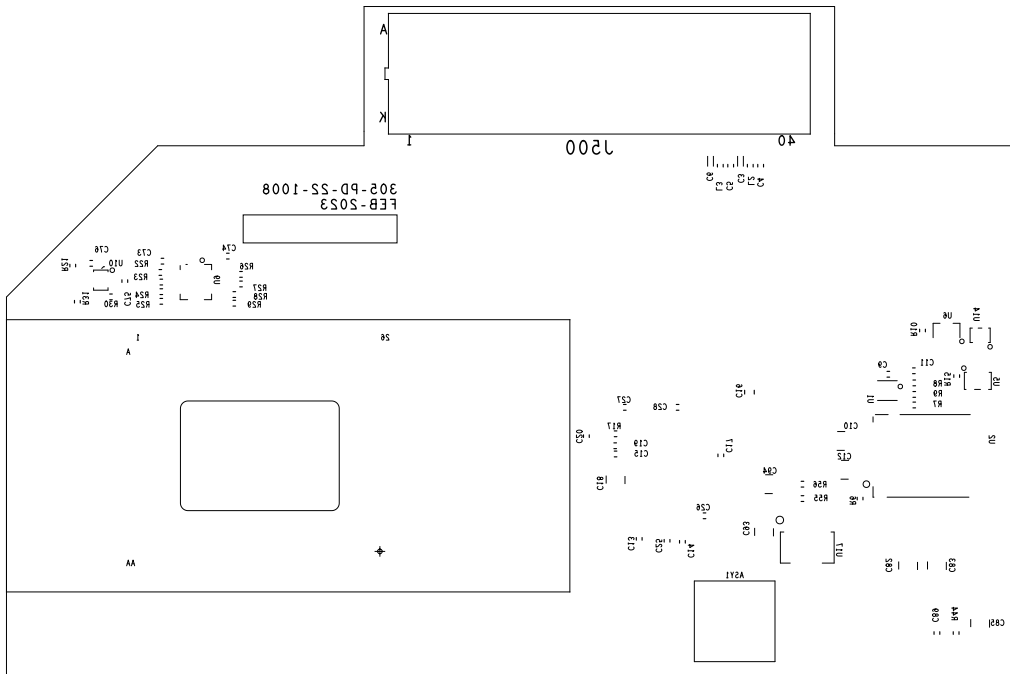
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JOB NAME: DLP780NE_DLP800RE_DLP780TE	REV:1
FILM LAYER: 09_GND3	



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JOB NAME: DLP780NE_DLP800RE_DLP780TE	REV:1
FILM LAYER:06_PWR1	



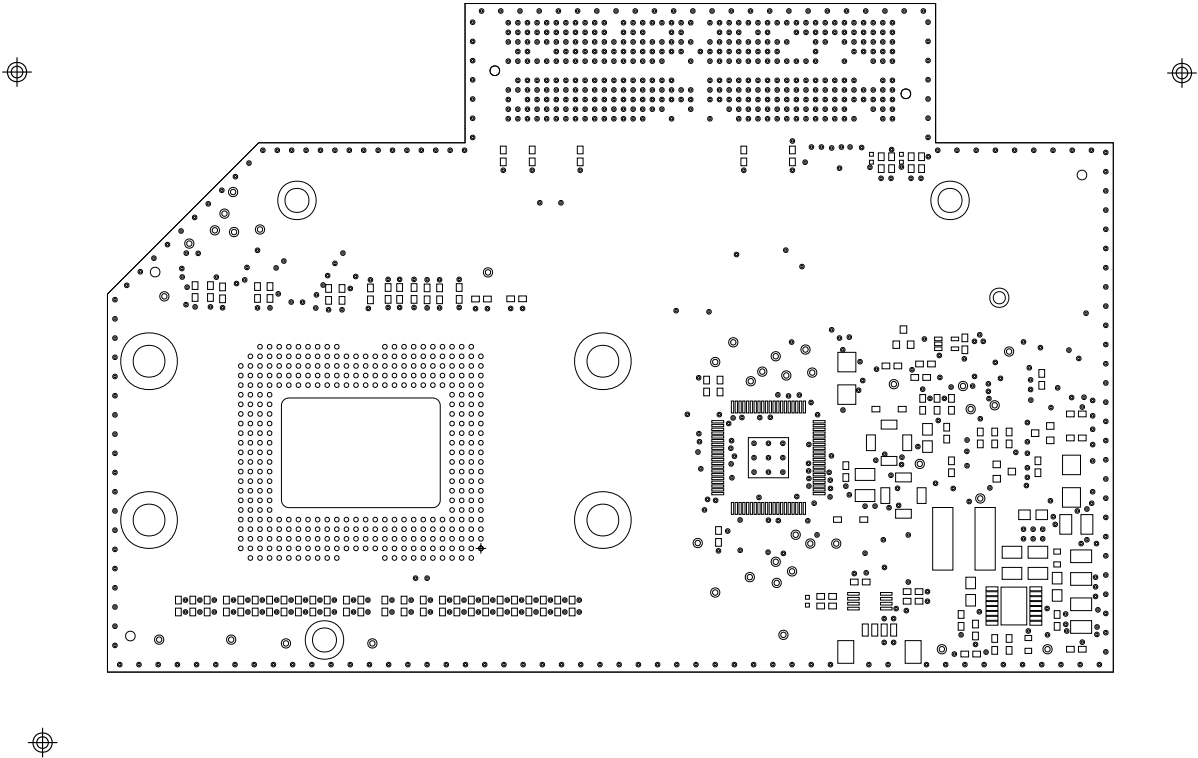
CUSTOMER NAME : TEXAS INSTRUMENTS
DATE: FEB 2023
PAC NUMBER: 305-PD-22-1008
JOB NAME: DLP780NE_DLP800RE_DLP780TE REV:1
FILM LAYER: ASSEMBLY



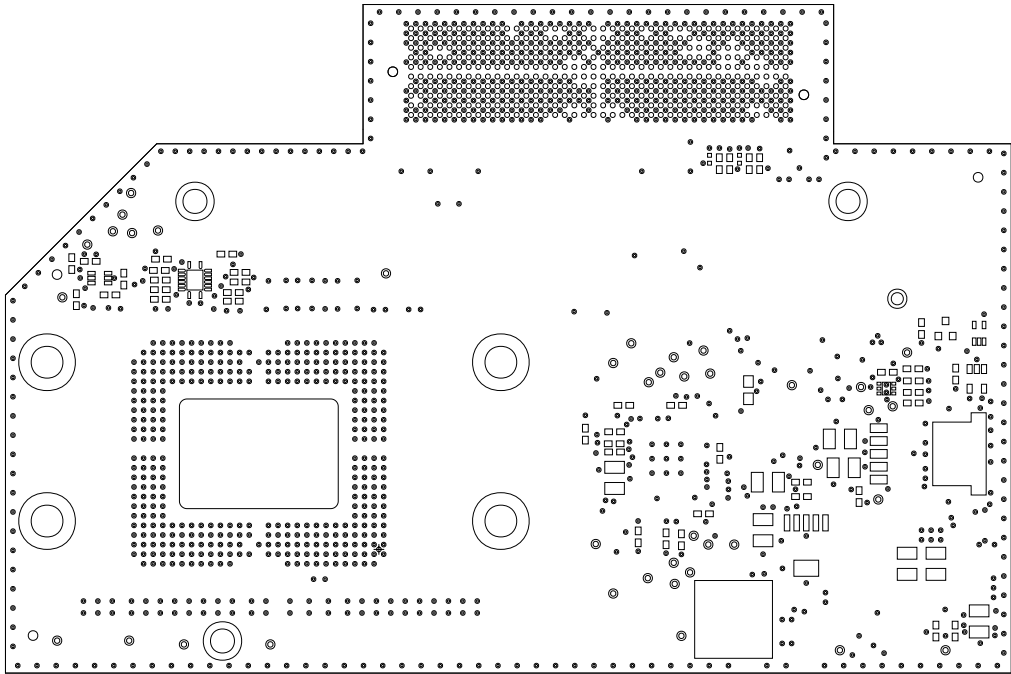
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JOB NAME: DLP780NE_DLP800RE_DLP780TE	REV:1
FILM LAYER:SILK-BOTTOM	



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JOB NAME: DLP780NE_DLP800RE_DLP780TE	REV:1
FILM LAYER:SILK-TOP	



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PAC NUMBER: 305-PD-22-1008	
JOB NAME: DLP780NE_DLP800RE_DLP780TE	REV:1
FILM LAYER: MASK-TOP	



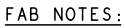
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JOB NAME: DLP780NE_DLP800RE_DLP780TE
FILM LAYER: MASK-BOTTOM

REV: 1

TOP (0.5 oz + PLATING)	
FR4-HTG	DIELECTRIC (4.529 mils)
	02_GND1 (1 oz)
FR4-HTG	DIELECTRIC (5.906 mils)
	03_SIG1 (0.5 oz)
FR4-HTG	DIELECTRIC (5.831 mils)
	04_GND2 (1 oz)
FR4-HTG	DIELECTRIC (5.906 mils)
	05_SIG2 (0.5 oz)
FR4-HTG	DIELECTRIC (5.831 mils)
	06_PWR1 (1 oz)
FR4-HTG	DIELECTRIC (2.992 mils)
	07_PWR2 (1 oz)
FR4-HTG	DIELECTRIC (5.831 mils)
	08_SIG3 (0.5 oz)
FR4-HTG	DIELECTRIC (5.906 mils)
	09_GND3 (1 oz)
FR4-HTG	DIELECTRIC (5.831 mils)
	10_SIG4 (0.5 oz)
FR4-HTG	DIELECTRIC (5.906 mils)
	11_GND4 (1 oz)
	DIELECTRIC (4.529 mils)
BOTTOM 0.5 oz + PLATING	

CONTROLLED IMPEDANCE DESIGN

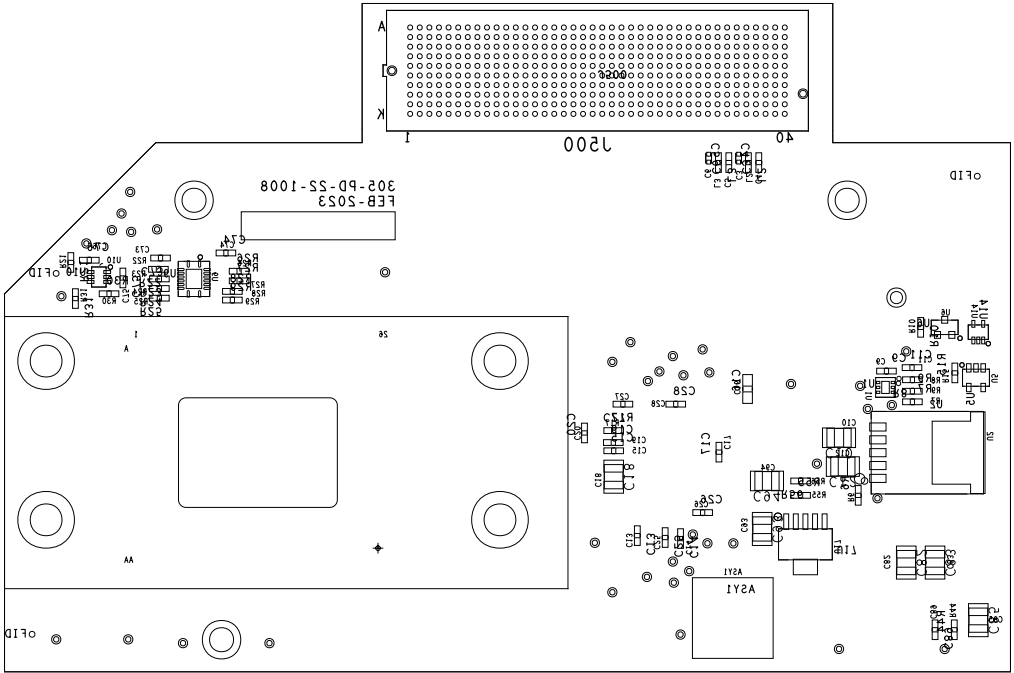
DRILL CHART: TOP to BOTTOM				
ALL UNITS ARE IN MILS				
FIGURE	SIZE	TOLERANCE	PLATED	QTY
•	7.874	+3.0/-3.0	PLATED	20
•	12.0	+3.0/-3.0	PLATED	1186
□	28.0	+3.0/-3.0	PLATED	39
▲	63.0	+3.0/-3.0	PLATED	1
○	165.402	+3.0/-3.0	PLATED	4
○	50.0	+2.0/-0.0	NON-PLATED	2
⊗	125.0	+3.0/-0.0	NON-PLATED	3



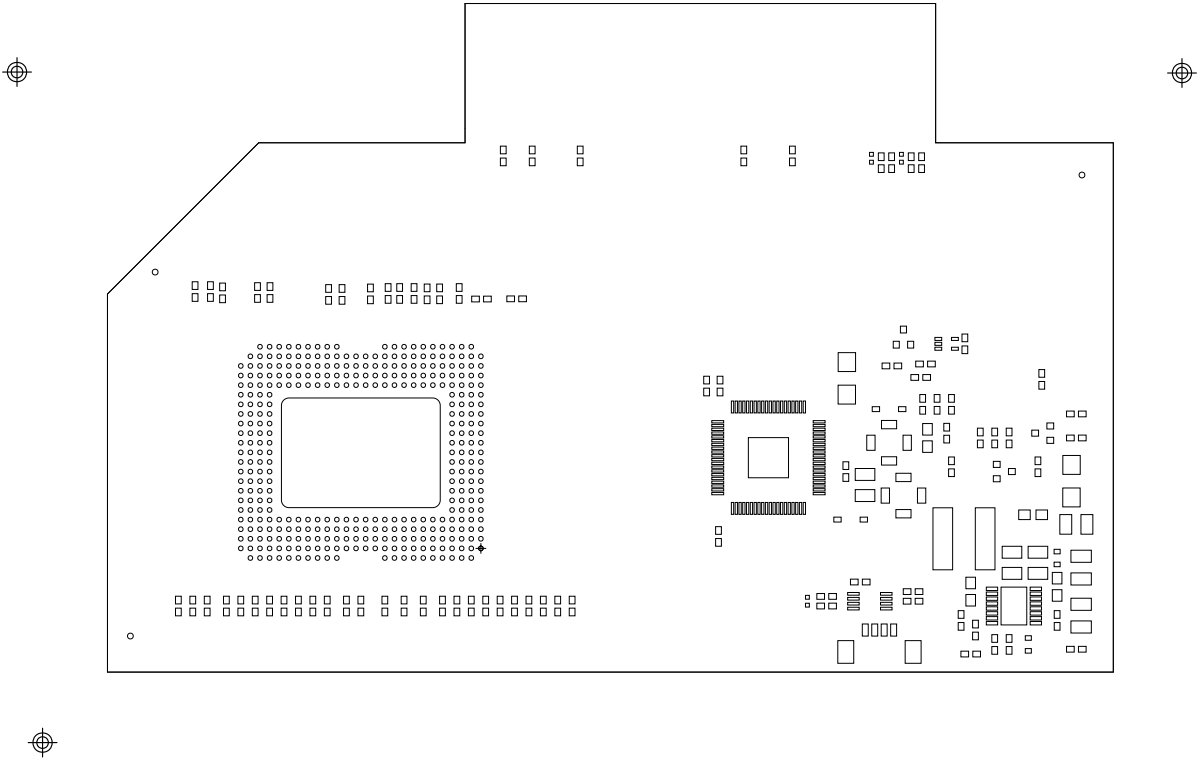
- PROCESS NOTES:

1. EXCEPT AS NOTED IN NOTE 2, PLATE ALL EXPOSED AREAS WITH FLASH GOLD (5-15 MICROINCHES THK) OVER ELECTROLYTIC NICKEL MIN 150 MICROINCHES THK.
2. PLATE INDICATED AREAS WITH A MIN 30 MICROINCHES ELECTROLYTIC GOLD OVER A MIN 150 MICROINCHES ELECTROLYTIC NICKEL.
3. APPLY LPI SOLDERMASK OVER BARE COPPER (SMOBC), COLOR: BLUE. SOLDERMASK SHALL CONFORM TO IPC-SM-840, CLASS H, CURRENT REV.
4. FABRICATION VENDOR IS ALLOWED TO INCREASE SOLDERMASK COMPONENT PADS BY A MAXIMUM 1 MIL ON EACH SIDE OVER THE COPPER PAD IN ORDER TO MEET TOOLING REQUIREMENTS WHILE MAINTAINING WEBBING BETWEEN ADJACENT PADS.
5. APPLY LPI SILKSCREEN OR EQUIVALENT BOTH SIDES PER THE ARTWORK. COLOR: WHITE. CLIP SILKSCREEN ON NO MASK AREA
6. TEARDROPS SHOULD NOT BE ADDED ON ANY AREA WITHOUT PRIOR APPROVAL FROM TEXAS INSTRUMENTS
7. DEBURR ALL SHARP EDGES
8. REMOVE UNUSED PADS IN ALL INNER LAYERS
9. MARKED REGION VIAS NEED TO BE SOLDERMASK PLUGGING ON BOTTOM SIDE
10. MARKED REGION VIAS NEED TO BE SOLDERMASK PLUGGING ON TOP SIDE

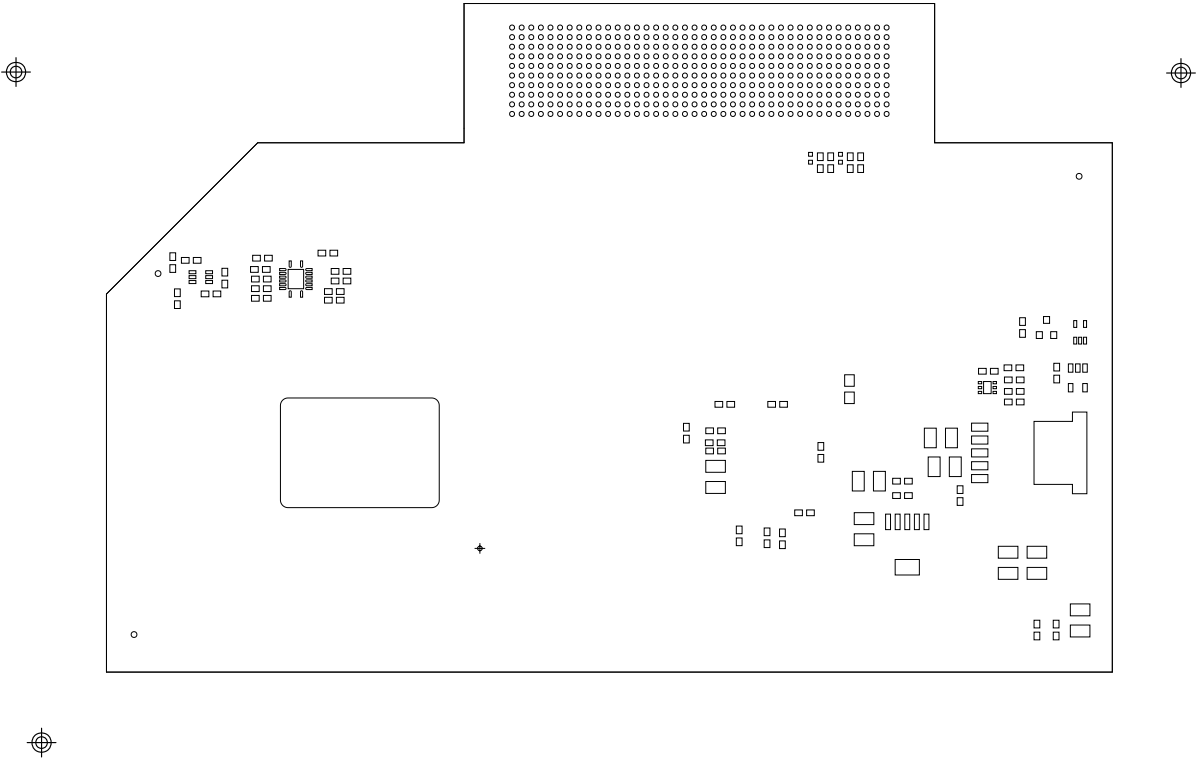
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JOB NAME: DLP780NE_DLP800RE_DLP780TE REV: 1
FILM LAYER: FAB



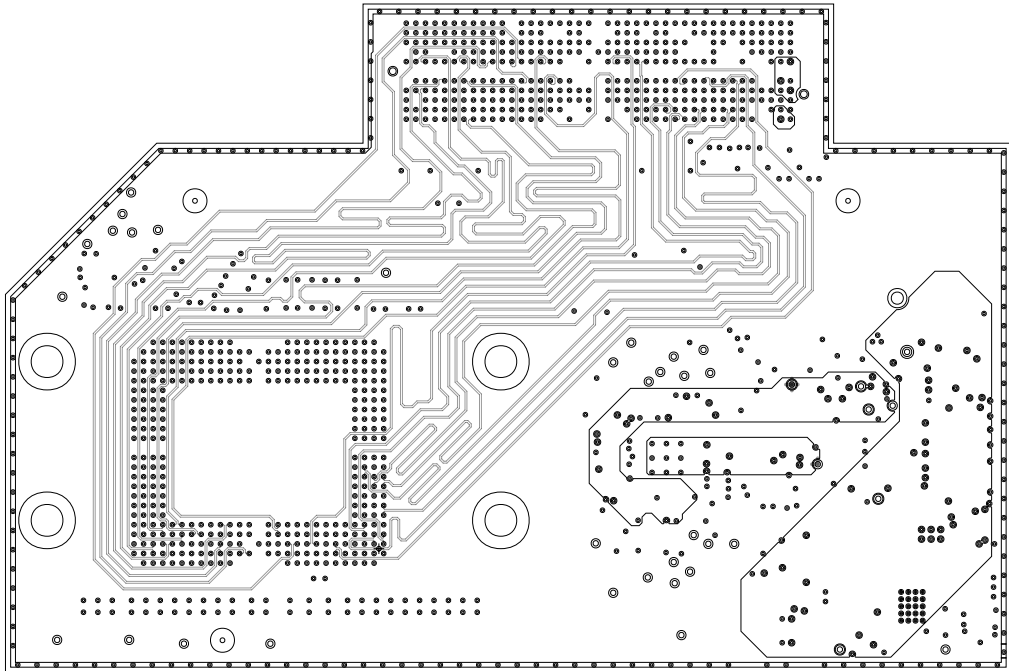
856KMBOTTOM



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FILM LAYER: PASTE-TOP	

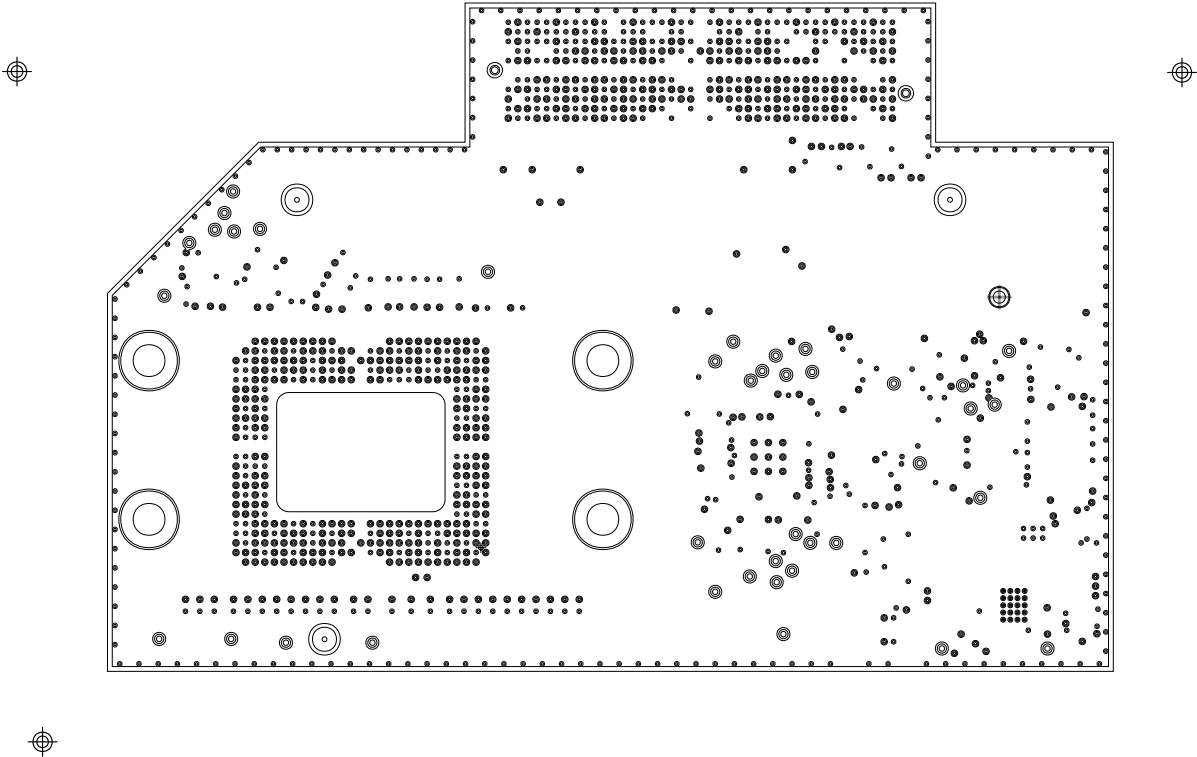


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JOB NAME: DLP780NE_DLP800RE_DLP780TE	REV:1
FILM LAYER: PASTE-BOTTOM	

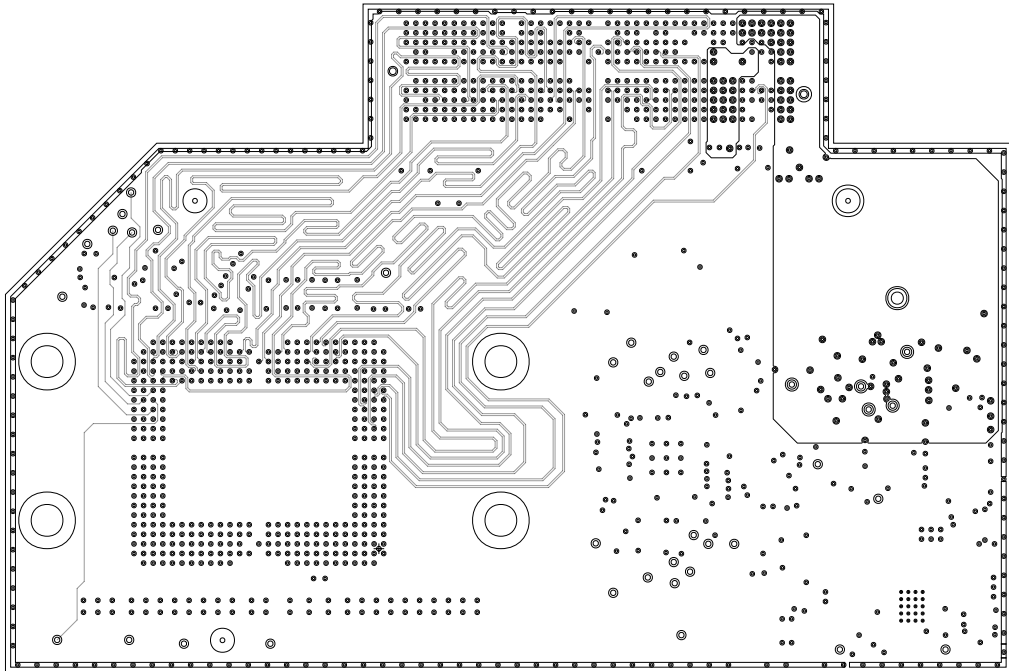


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JOB NAME: DLP780NE_DLP800RE_DLP780TE
FILM LAYER: 10_SIG4

REV:1

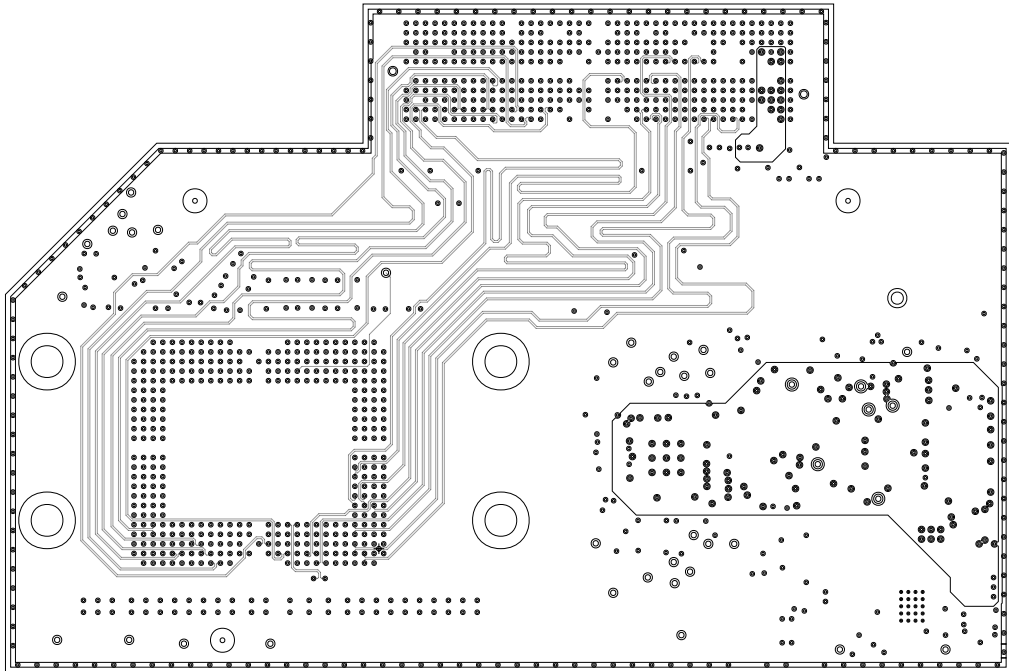


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JOB NAME: DLP780NE_DLP800RE_DLP780TE	REV:1
FILM LAYER: 11_GND4	



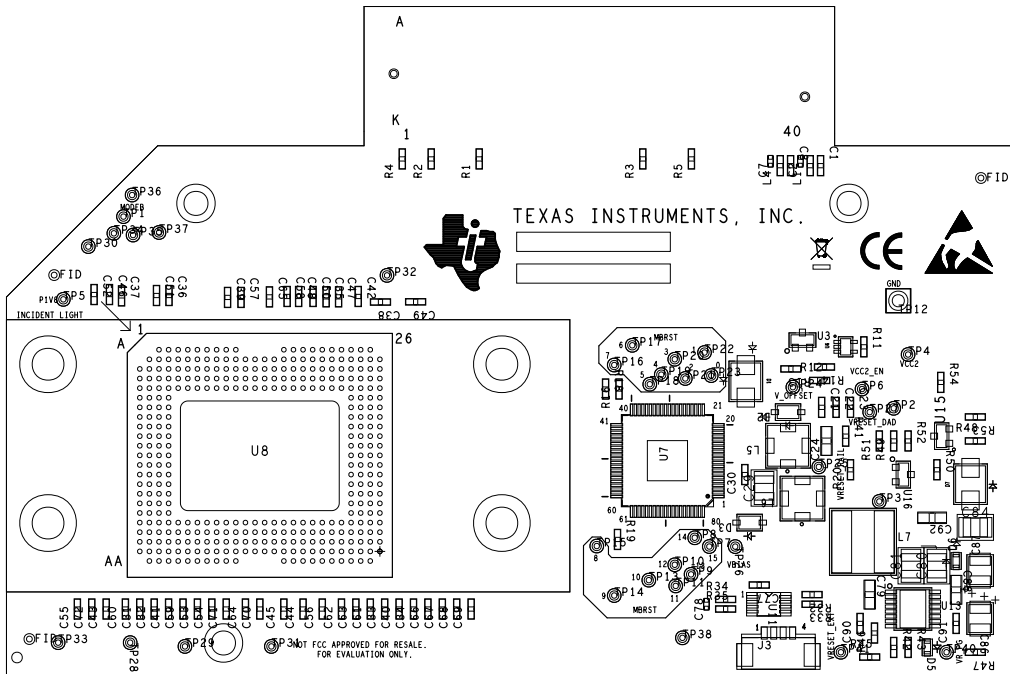
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JOB NAME: DLP780NE_DLP800RE_DLP780TE
FILM LAYER: 05_SIG2

REV:1



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JOB NAME: DLP780NE_DLP800RE_DLP780TE
FILM LAYER: 08_SIG3

REV:1



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JOB NAME: DLP780NE_DLP800RE_DLP780TE

REV:1

FILM LAYER: 856KMBOP



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JOB NAME: DLP780NE_DLP800RE_DLP780TE	REV:1
FILM LAYER: 856KMBOTTOM	