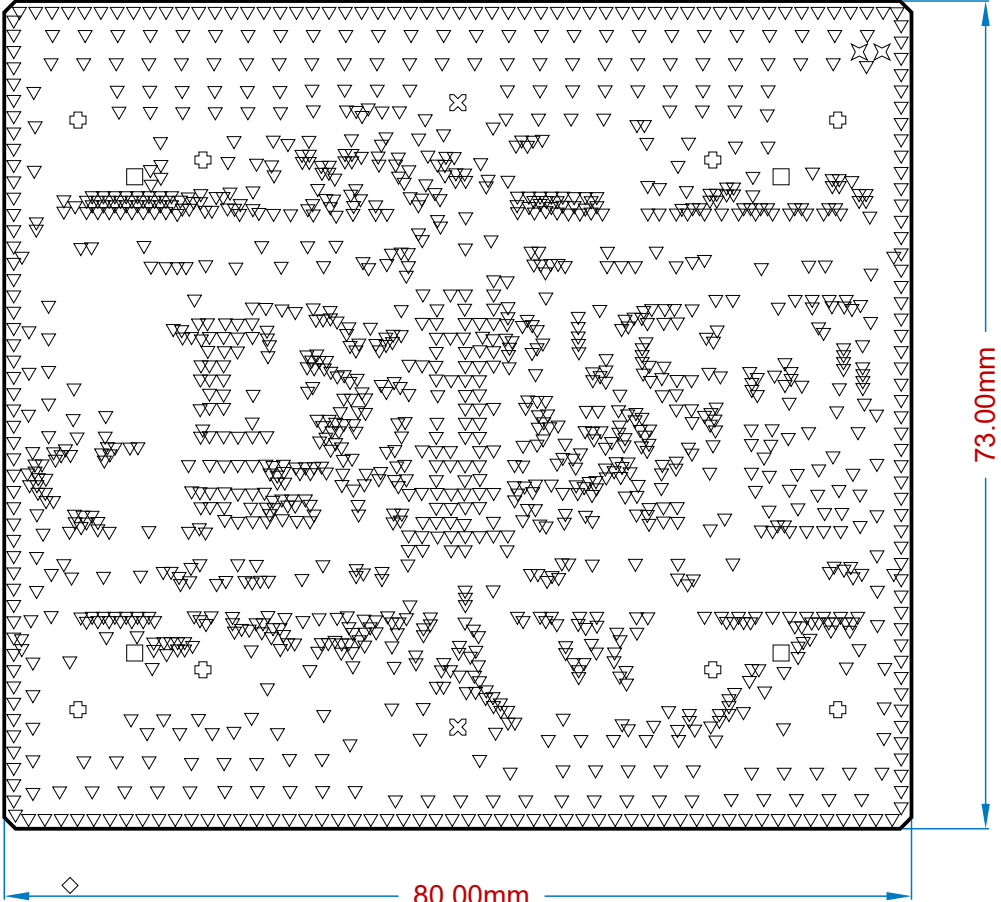


Drill Drawing View (Scale 3:2)



Layer Stack Legend

Material	Layer	Thickness	Dielectric Material	Type	Gerber
	Top Overlay			Legend	GTO
Surface Material	Top Solder	0.010mm	Solder Resist	Solder Mask	GTS
Copper	TOP	0.029mm		Signal	GTL
Prepreg		0.064mm	FR-4	Dielectric	
Copper	L2_GND_1	0.030mm		Signal	G1
Prepreg		0.075mm	FR-4	Dielectric	
Copper	L3_INT_1	0.030mm		Signal	G2
Core		0.742mm	FR-4	Dielectric	
Copper	L4_PWR	0.030mm		Signal	G3
Prepreg		0.075mm	FR-4	Dielectric	
Copper	L5_GND_2	0.030mm		Signal	G4
Prepreg		0.064mm	FR-4	Dielectric	
Copper	BOTTOM	0.029mm		Signal	GBL
Surface Material	Bottom Solder	0.010mm	Solder Resist	Solder Mask	GBS
	Bottom Overlay			Legend	GBO
Total thickness: 1.219mm					

FABRICATION NOTES:

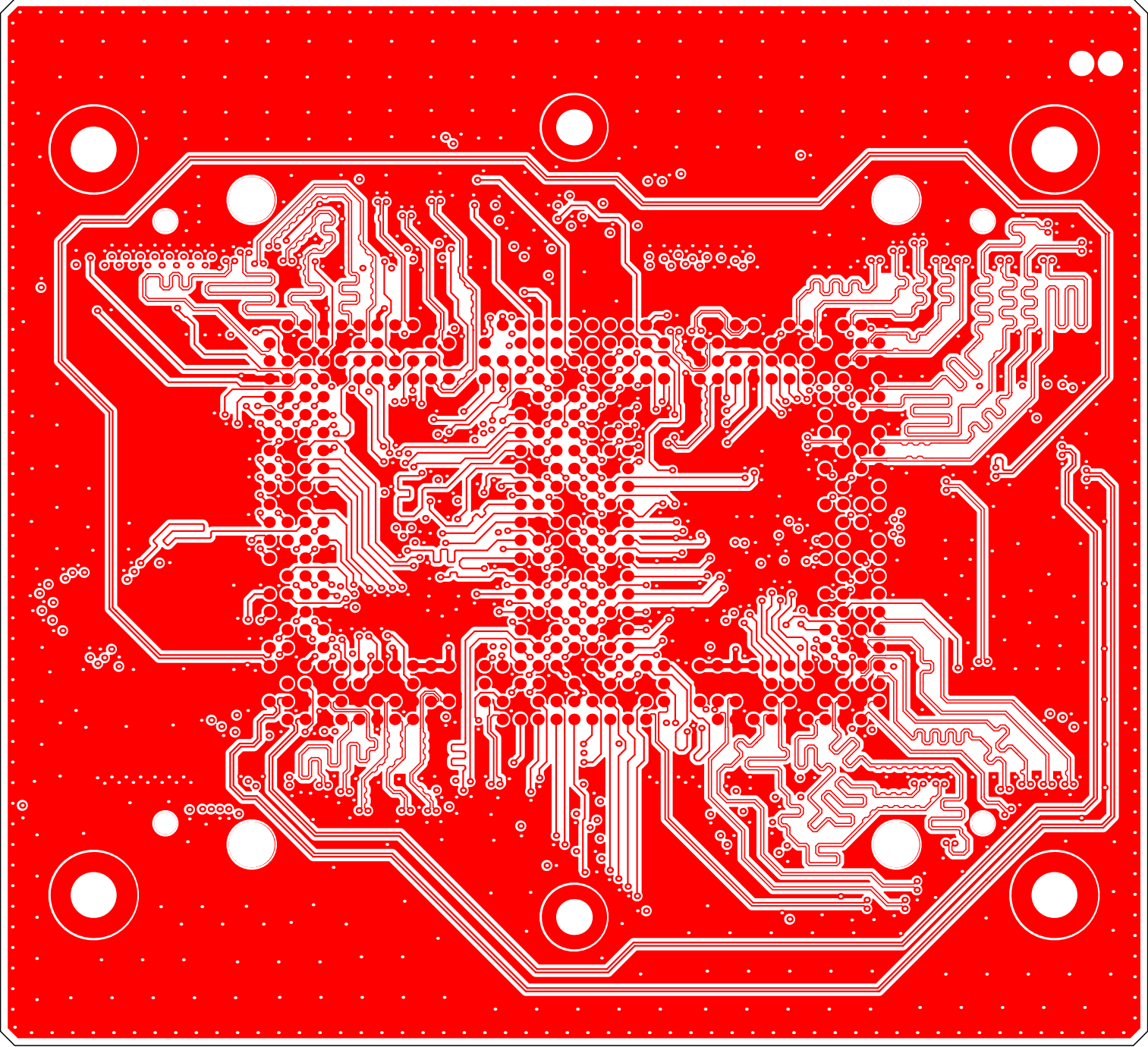
- VIAS REQUIRE PLATED OVER FLAT
- PANELIZE WITH 10MM RAILS AS INDICATED
- CONTROLLED IMPEDANCE REQUIREMENTS:
- SURFACE MOUNT PAD SOLDER PLATING MUST BE FLAT TO A MAXIMUM OF .075mm ABOVE BOARD SURFACE.
- 1.5mm MAXIMUM RADIUS ON ALL INSIDE CORNERS.
- DIMENSIONS AND TOLERANCES PER ANSI Y14.5M.
- FABRICATE IN ACCORDANCE WITH IPC-6012, TYPE 2, CLASS 2.
- BOARD SHALL MEET THE REQUIREMENTS OF UL796 WITH A FLAMMABILITY RATING OF 94V-O. VENDOR'S UL LOGO OR DESIGNATION SHALL BE LOCATED ON SOLDER SIDE OF BOARD.
- REMOVE ALL BURRS AND BREAK SHARP EDGES .25mm MAX.
- SILKSCREEN BOTH SIDES USING WHITE EPOXY INK.
- WARP OR TWIST OF BOARD SHALL NOT EXCEED .1mm PER CENTIMETER.
- APPLY SOLDERMASK (LIQUID PHOTO IMAGEABLE) OVER BARE COPPER, SOLDERMASK TO BE PER IPC-SM-840, TYPE B, CLASS2, PRINT SOLDER MASK ONLY ONCE, COLOR: GREEN. ALL EXPOSED CONDUCTIVE SURFACES TO BE ELECTROLESS NICKEL/IMMERSION GOLD PLATED.
- CONDUCTOR WIDTHS AND SPACING SHALL BE WITHIN +/- 1 MIL OF ARTWORK ORIGINALS.
- ALL HOLES SHALL BE LOCATED WITHIN .075mm DIAMETER OF TRUE POSITION. LAYER TO LAYER REGISTRATION SHALL BE WITHIN .075mm. ACCEPT COPPER PADS BREAKOUT LESS THAN 90 DEGREE FOLLOW IPC CLASS 2.
- UNLESS OTHERWISE SPECIFIED ALL HOLE DIMENSIONS APPLY AFTER PLATING. ALLOW HOLE COPPER TO BE 20UM MINIMUM,25UM(AVERAGE) PER IPC CLASS 3.
- MATERIAL: COPPER PLASTIC SHEET , ROHS COMPATIBLE FR-4. FINISHED. OVERALL BOARD THICKNESS TO BE 1.2mm.

Drill Table

Symbol	Count	Hole Size	Plated	Hole Tolerance
▽	1474	0.20mm	Plated	
☆	2	1.07mm	Non-Plated	
□	4	1.52mm	Non-Plated	
⊠	2	2.50mm	Non-Plated	
◇	4	2.60mm	Non-Plated	
⊕	8	3.20mm	Non-Plated	
	1494 Total			

APPROVALS:		DATE		 3F-1, No.145, Xianzheng 9th Rd, Zhubei Hsinchu County 30251, Taiwan (R.O.C.) Phone: +886-3-552-9695 www.ezurio.com					
DRAWN:	LC, AL	09/02/2025							
CHECKED:	AC, LC	09/05/2025							
APPROVED:	AC	09/05/2025							
Title:									
<i>PCB, Common OSM-M Interposer Board</i>									
Sheet Name:		Project Number:		Assembly Number:		Drawing Number:		Rev:	
PCB Fabrication Drawing		941-00044		940-00116-ASY		750-00044-FAB		3-0	
File:		Customer:		Last Modified:		SIZE: B		SCALE 1:1	
750-00044.PCBDwf		Internal		9/9/2025 PM 04:34				Sheet: 1 of 13	

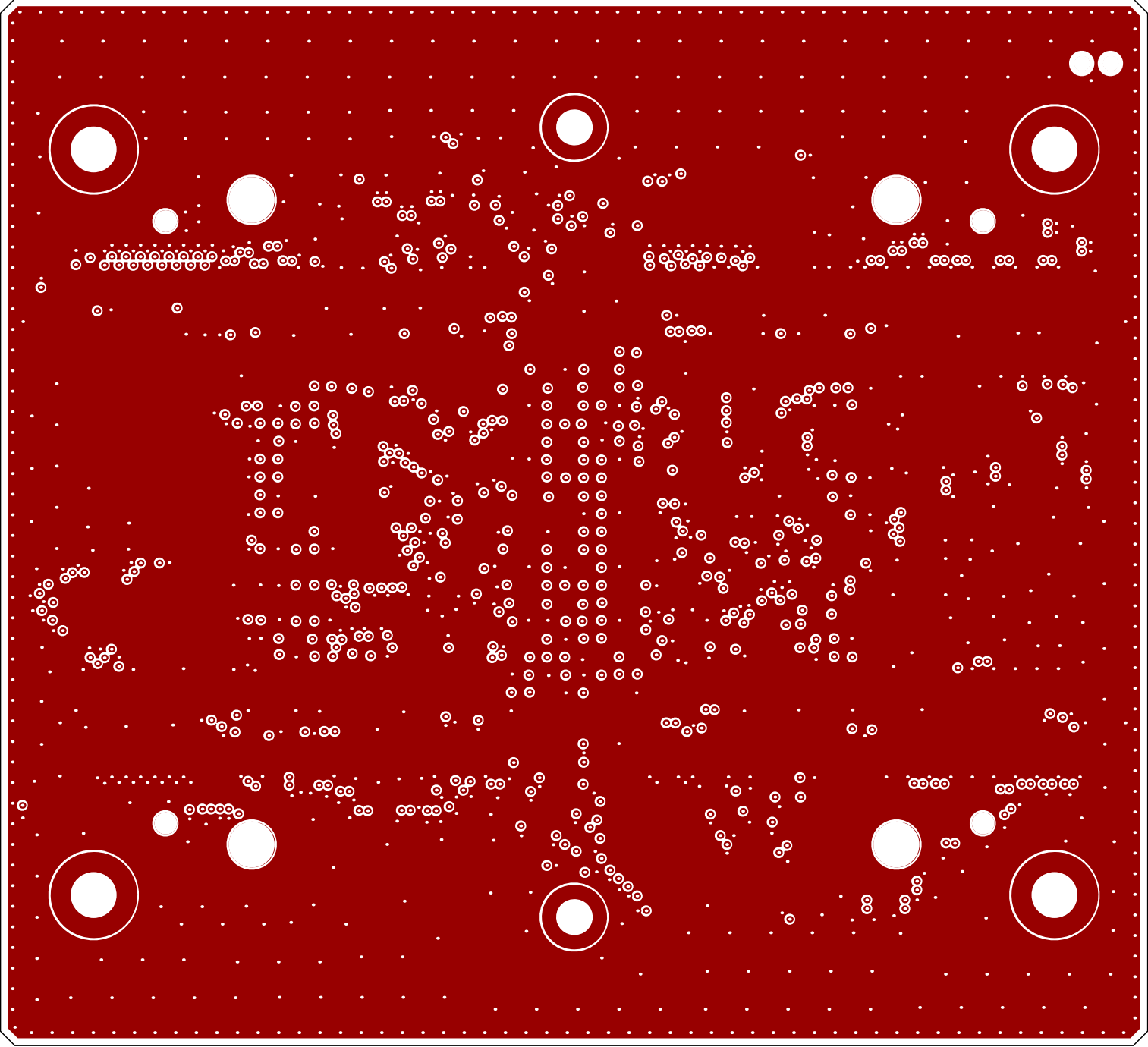
TOP (Scale 5:2)



Title: PCB, Common OSM-M Interposer Board					
Sheet Name: PCB Fabrication Drawing		Project Number: 941-00044	Assembly Number: 940-00116-ASY	Drawing Number: 750-00044-FAB	Rev: 3-0
File: 750-00044.PCBDwf	Customer: Internal	Last Modified: 9/9/2025 PM 04:34		SIZE: B SCALE 1:1	Sheet: 2 of 13

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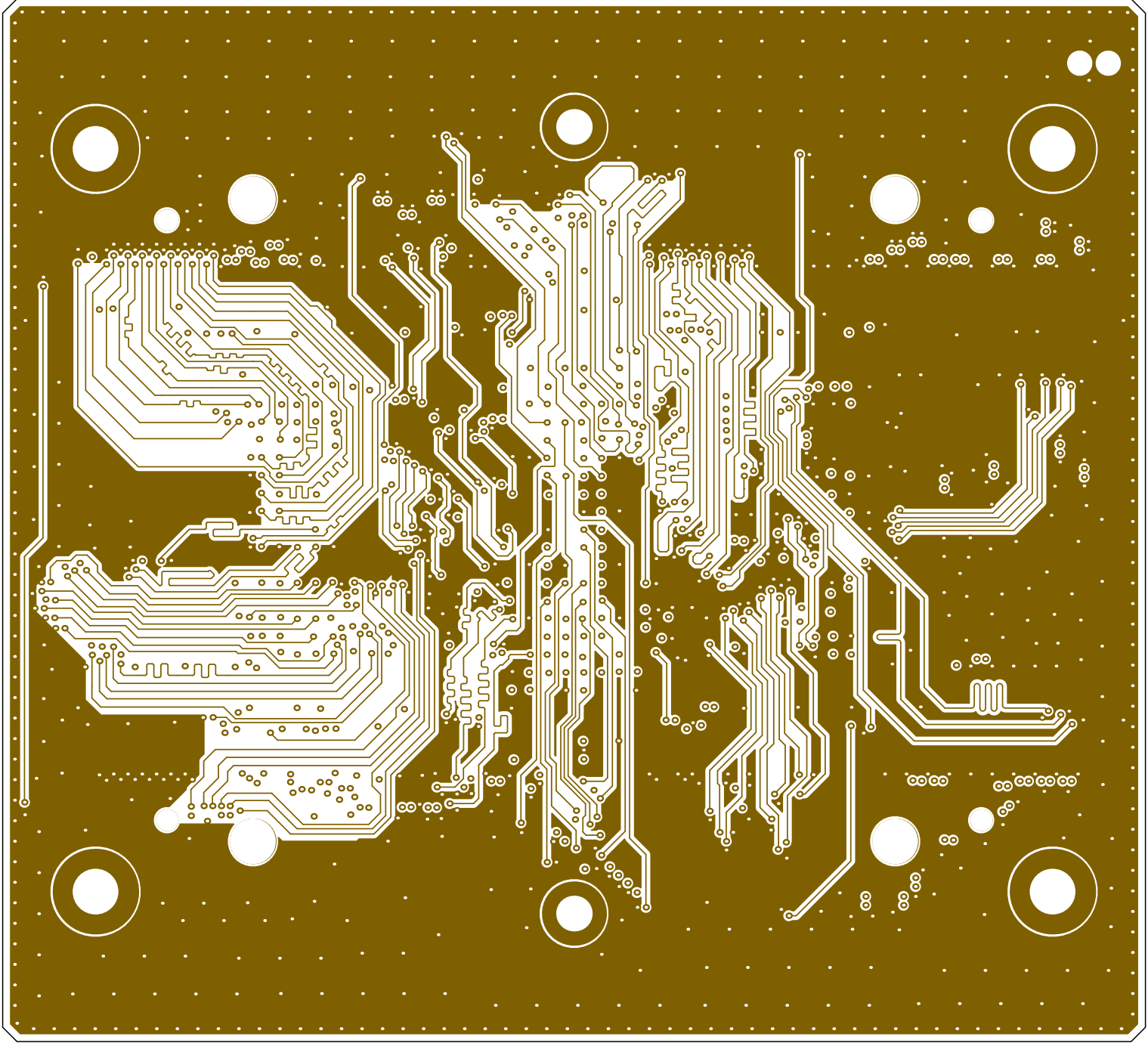
L2_GND_1 (Scale 5:2)



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Sheet Name: PCB Fabrication Drawing		Project Number: 941-00044	Assembly Number: 940-00116-ASY	Drawing Number: 750-00044-FAB		Rev: 3-0
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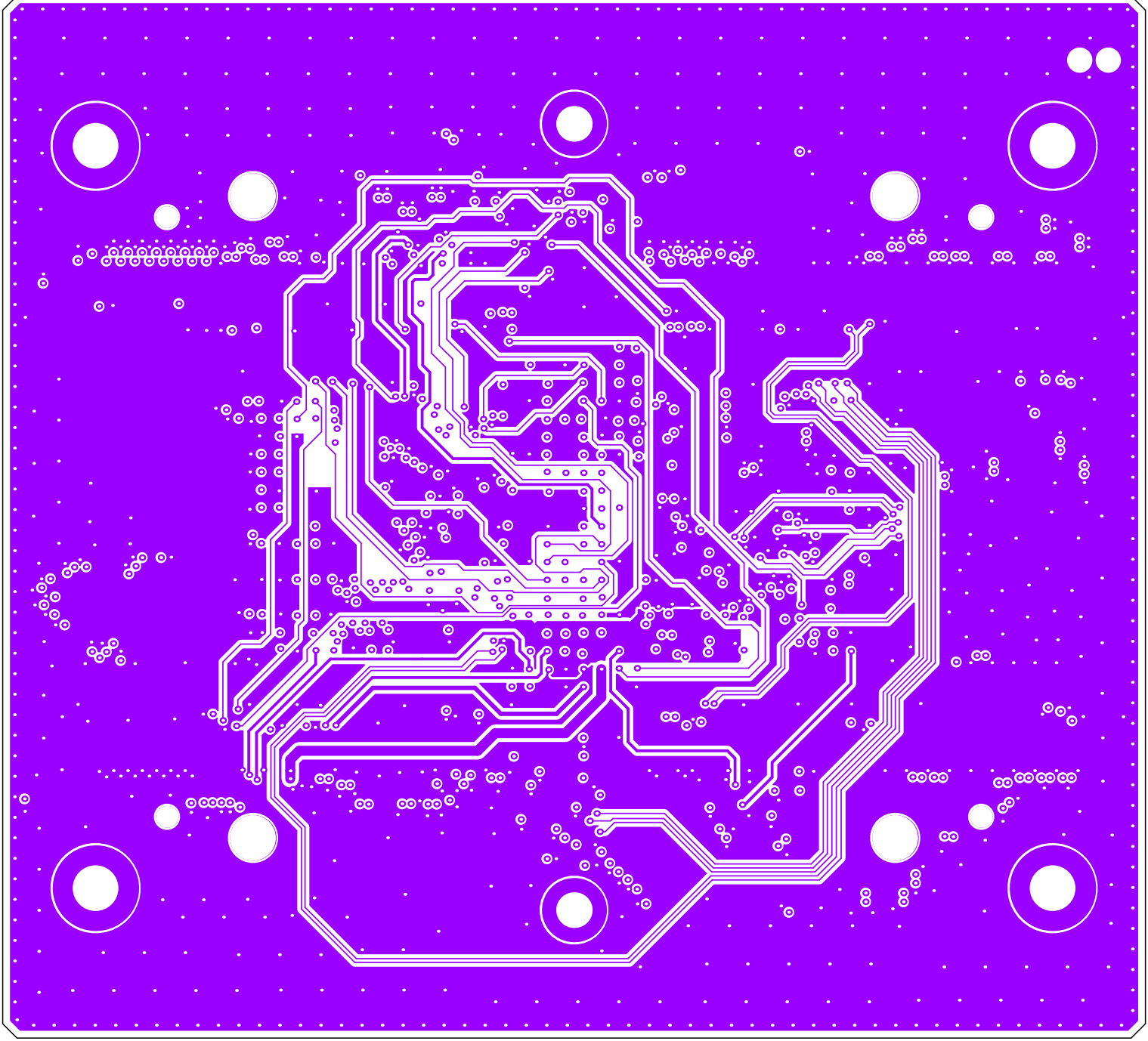
L3 INT_1 (Scale 5:2)



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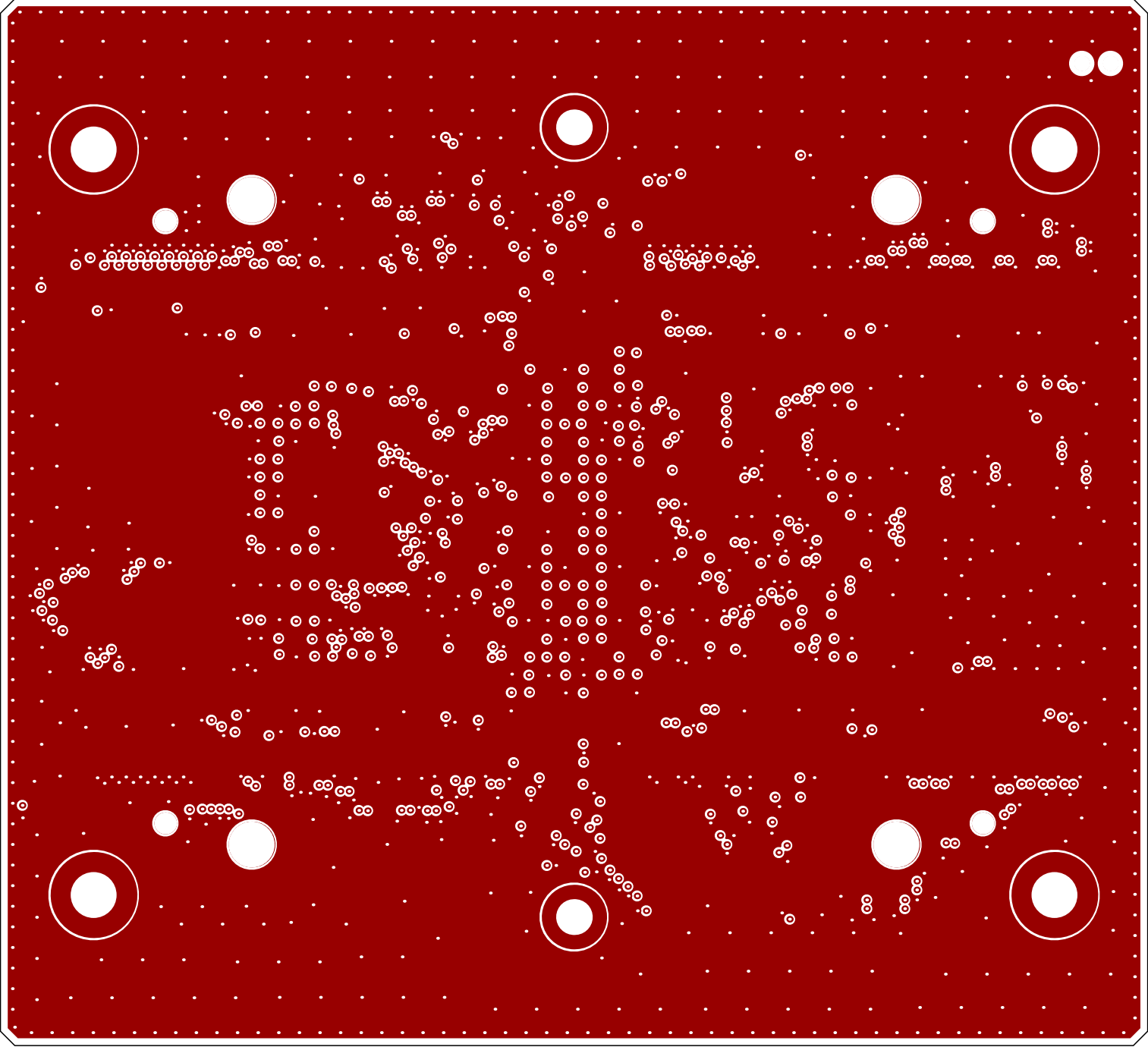
L4_PWR (Scale 5:2)



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File: 750-00044.PCBDwf	Customer: Internal	Last Modified: 9/9/2025 PM 04:34		SIZE: B SCALE 1:1	Sheet: 5 of 13

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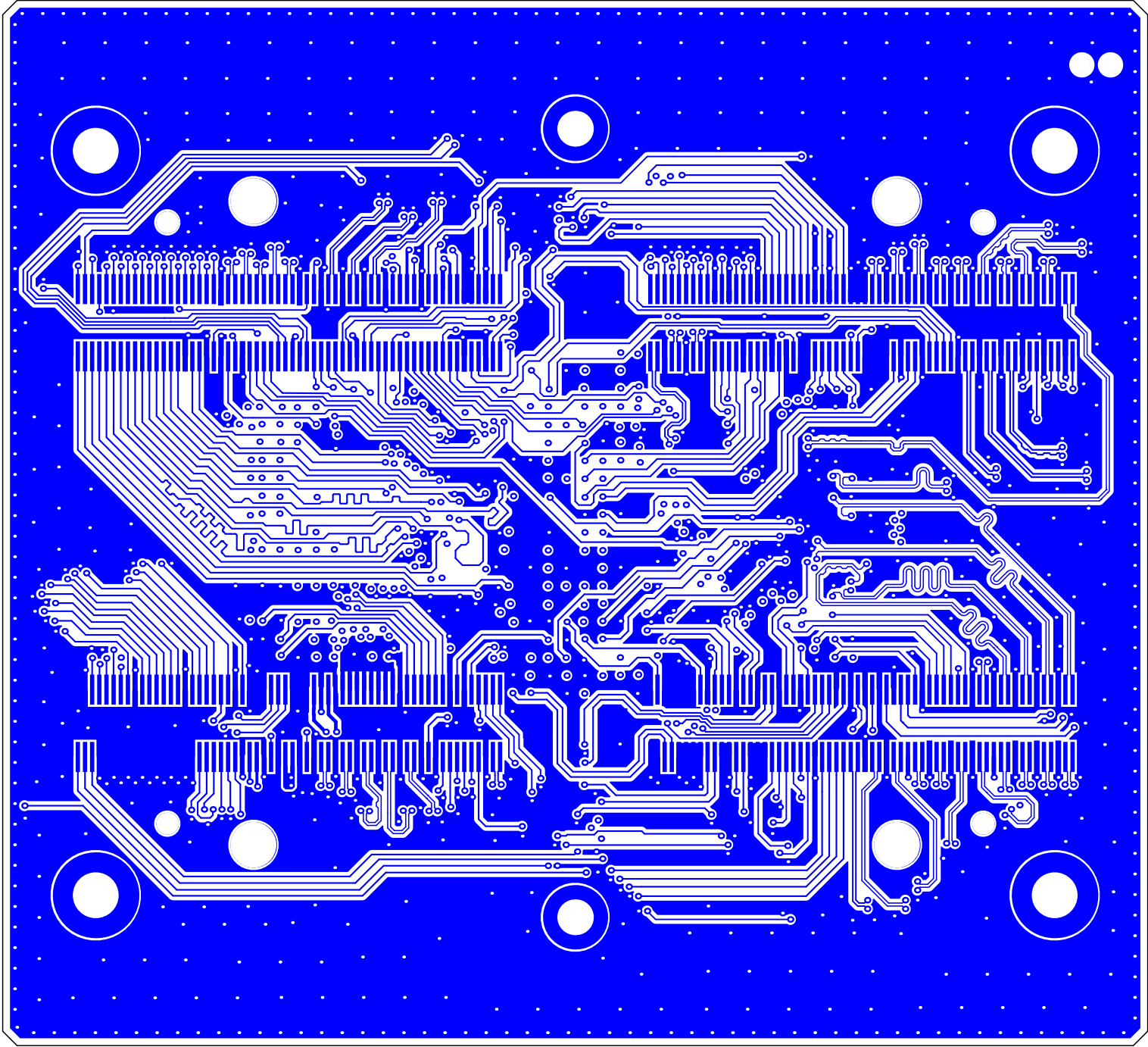
L5_GND_2 (Scale 5:2)



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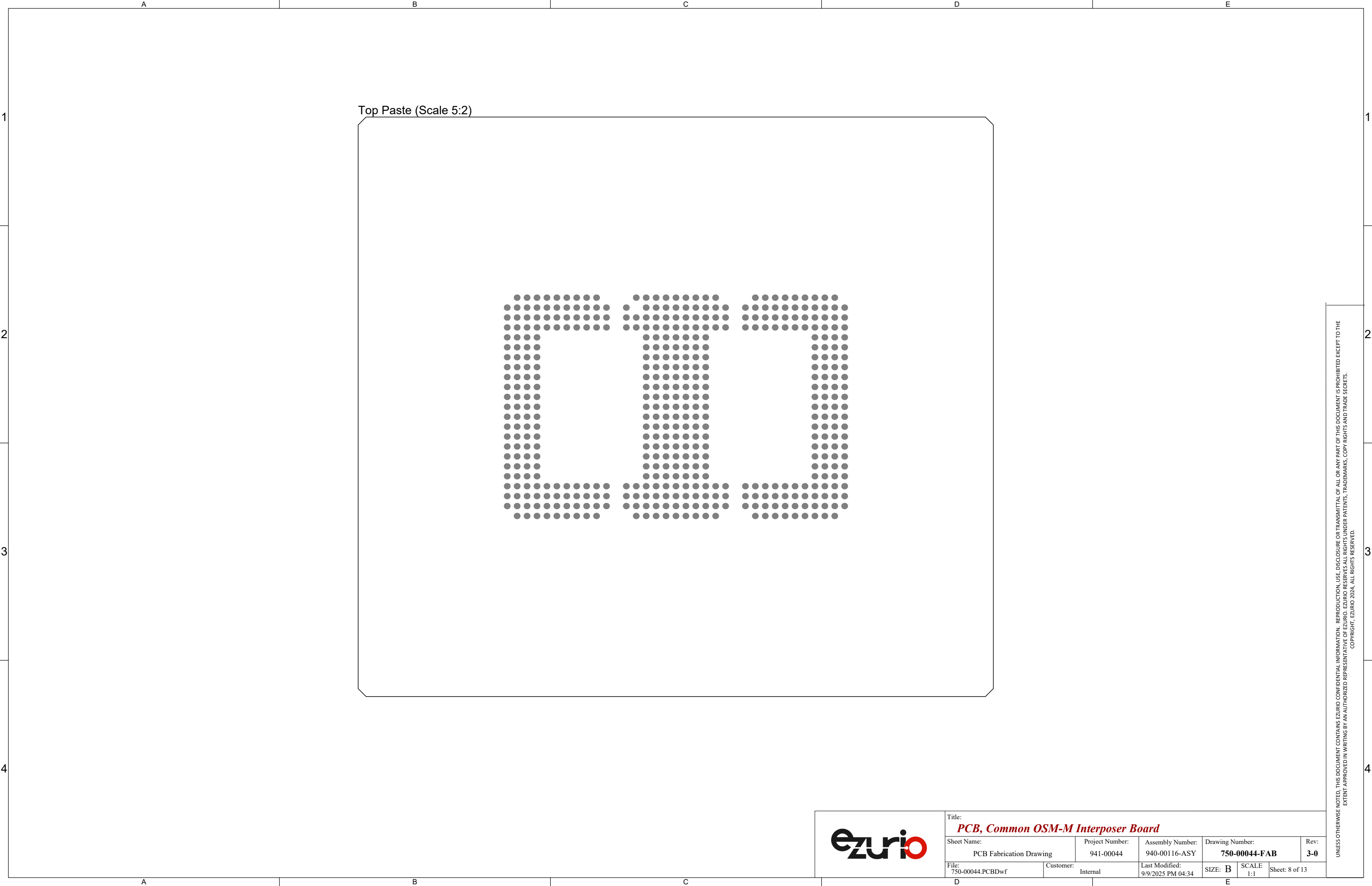
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BOTTOM (Scale 5:2)



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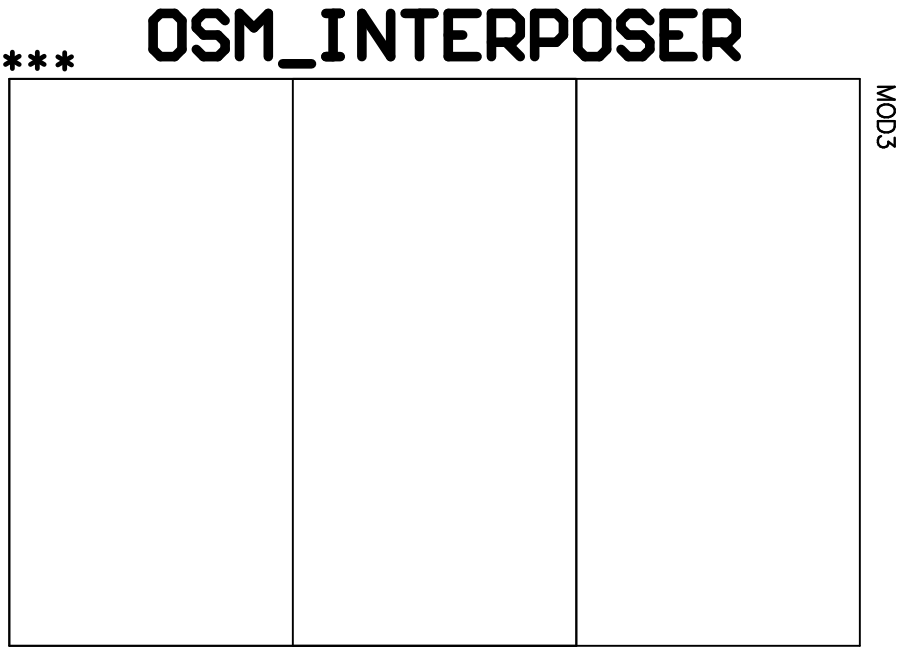
Top Paste (Scale 5:2)



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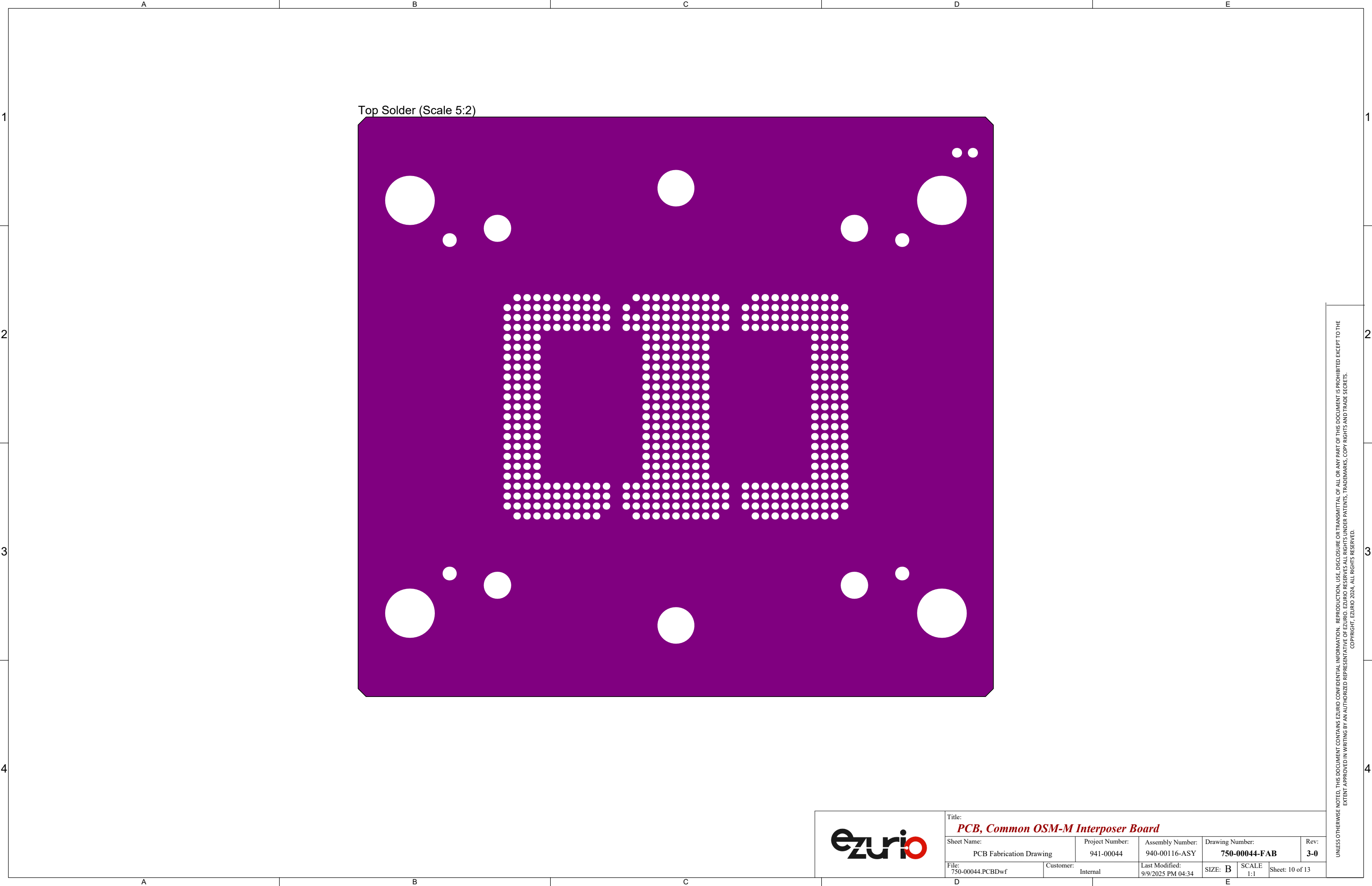
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Top Overlay (Scale 5:2)



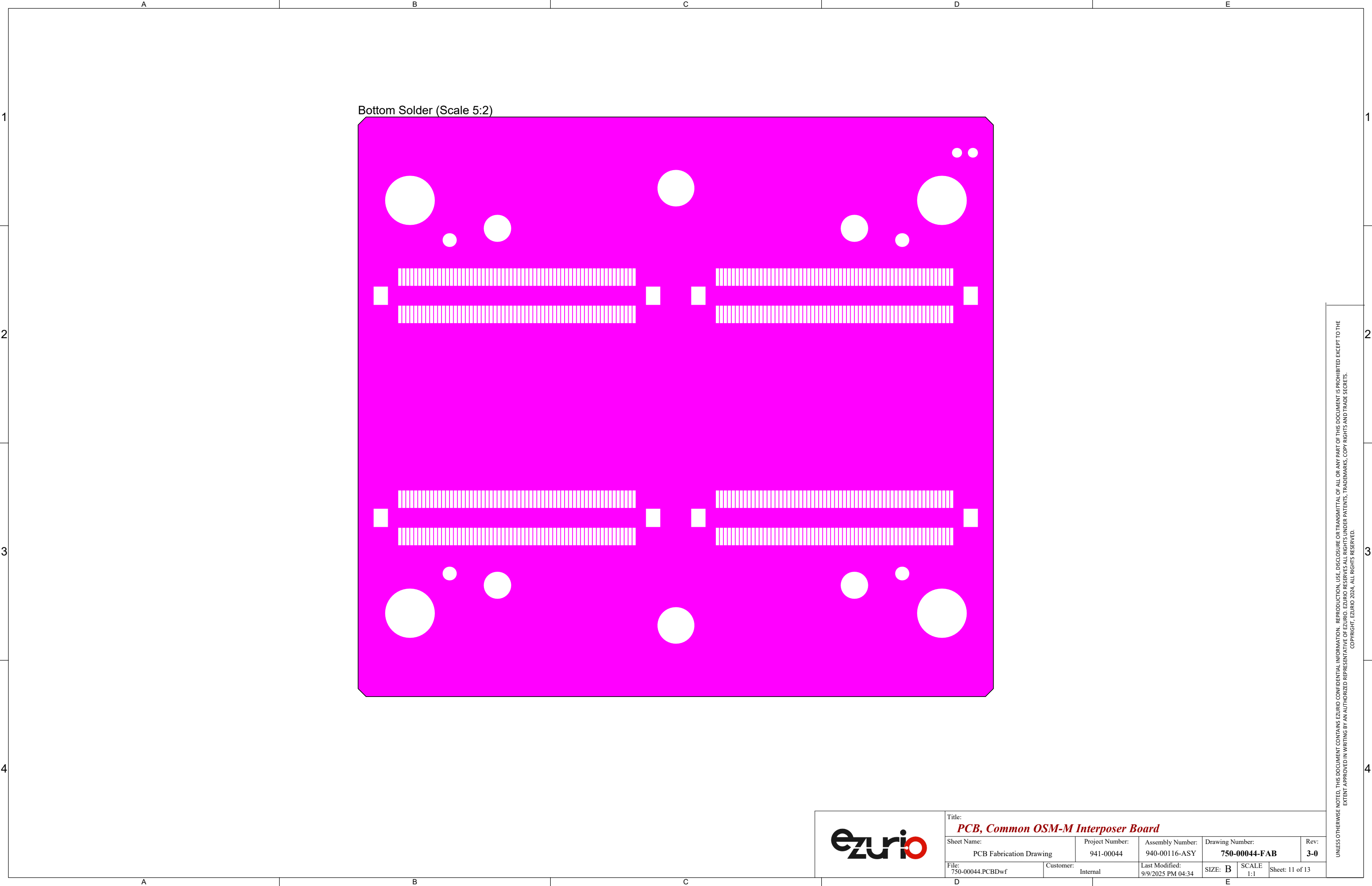
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File: 750-00044.PCBDwf	Customer: Internal	Last Modified: 9/9/2025 PM 04:34	SIZE: B	SCALE 1:1	Sheet: 9 of 13

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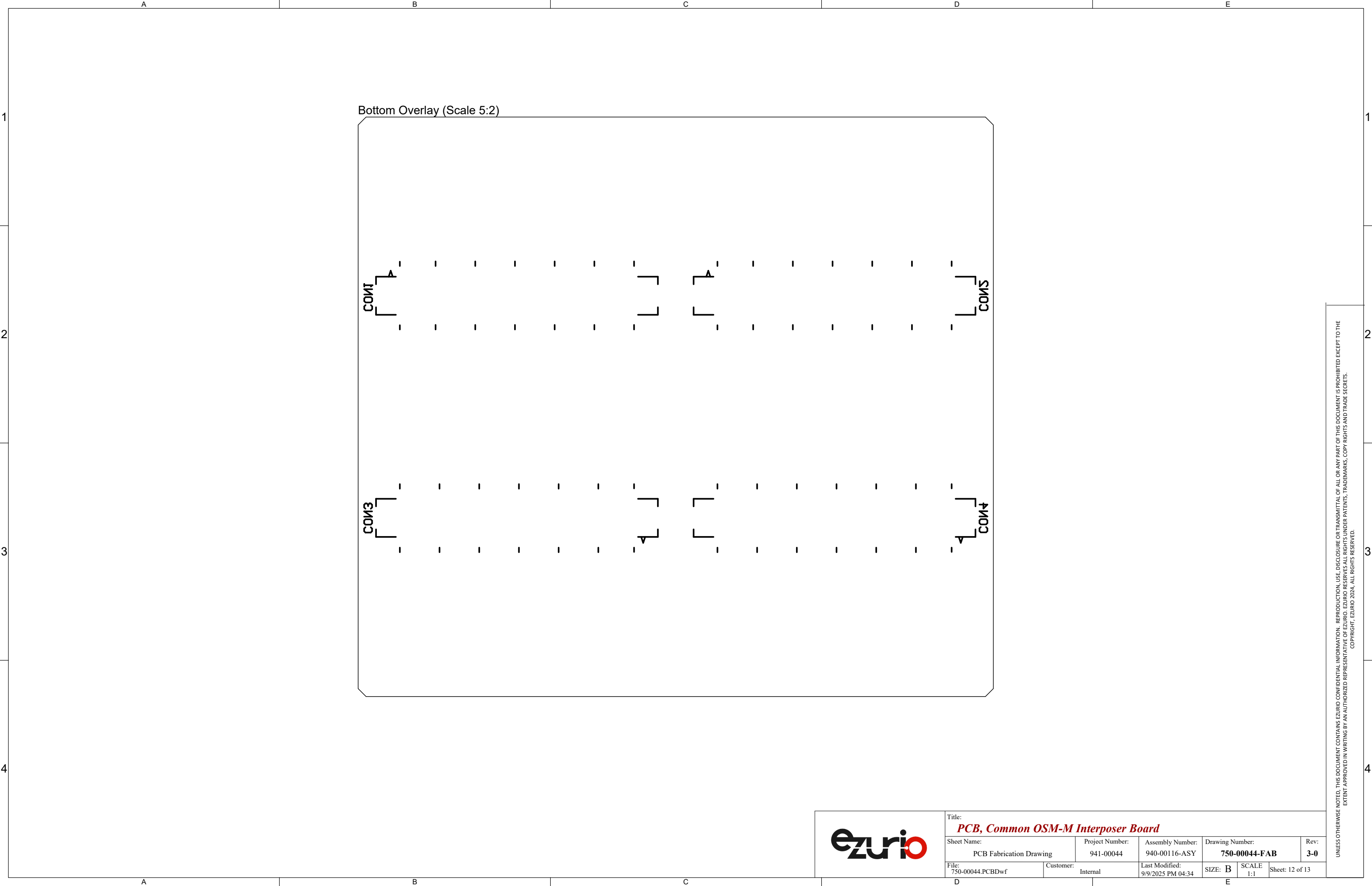
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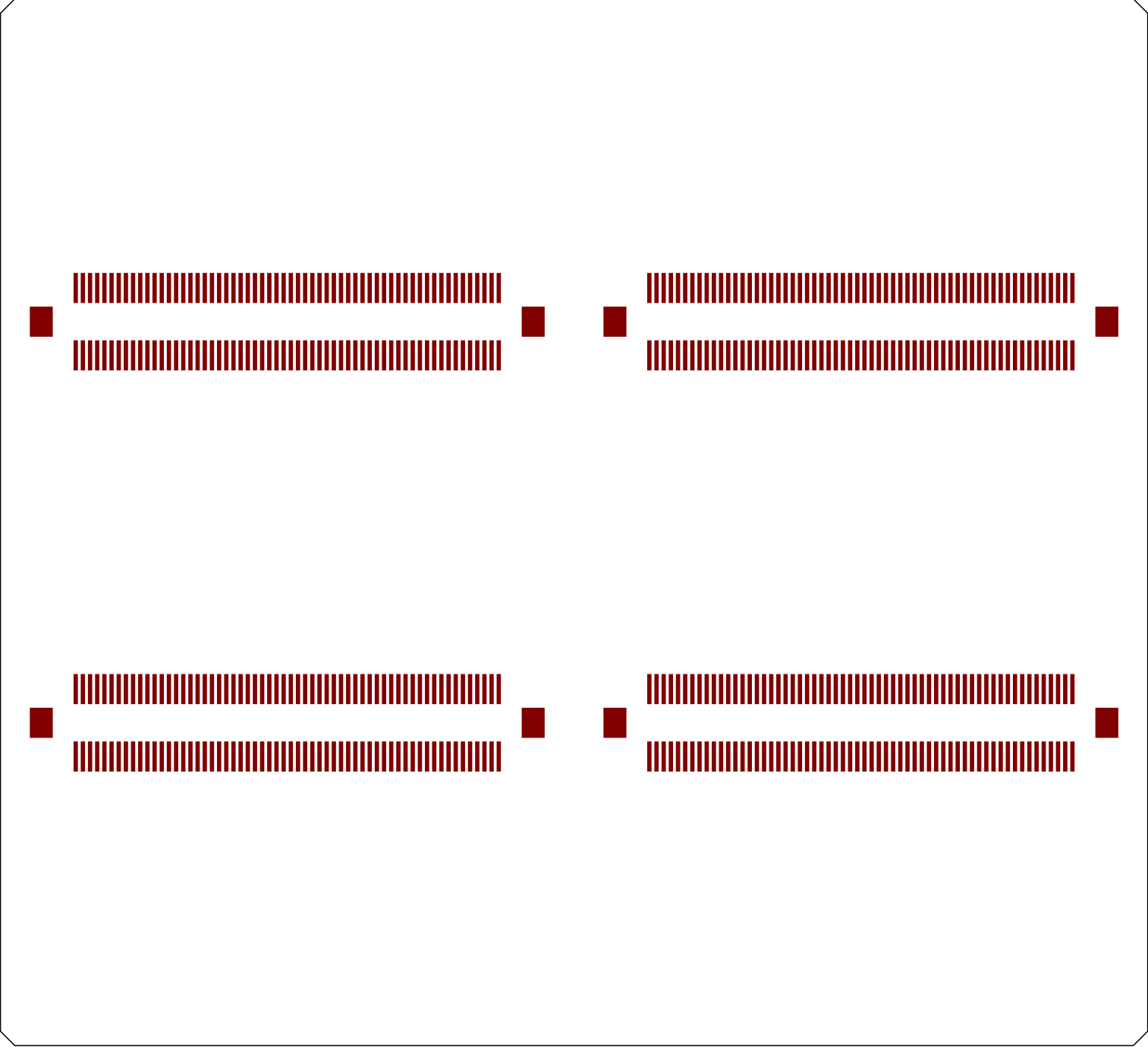
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Bottom Paste (Scale 5:2)



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