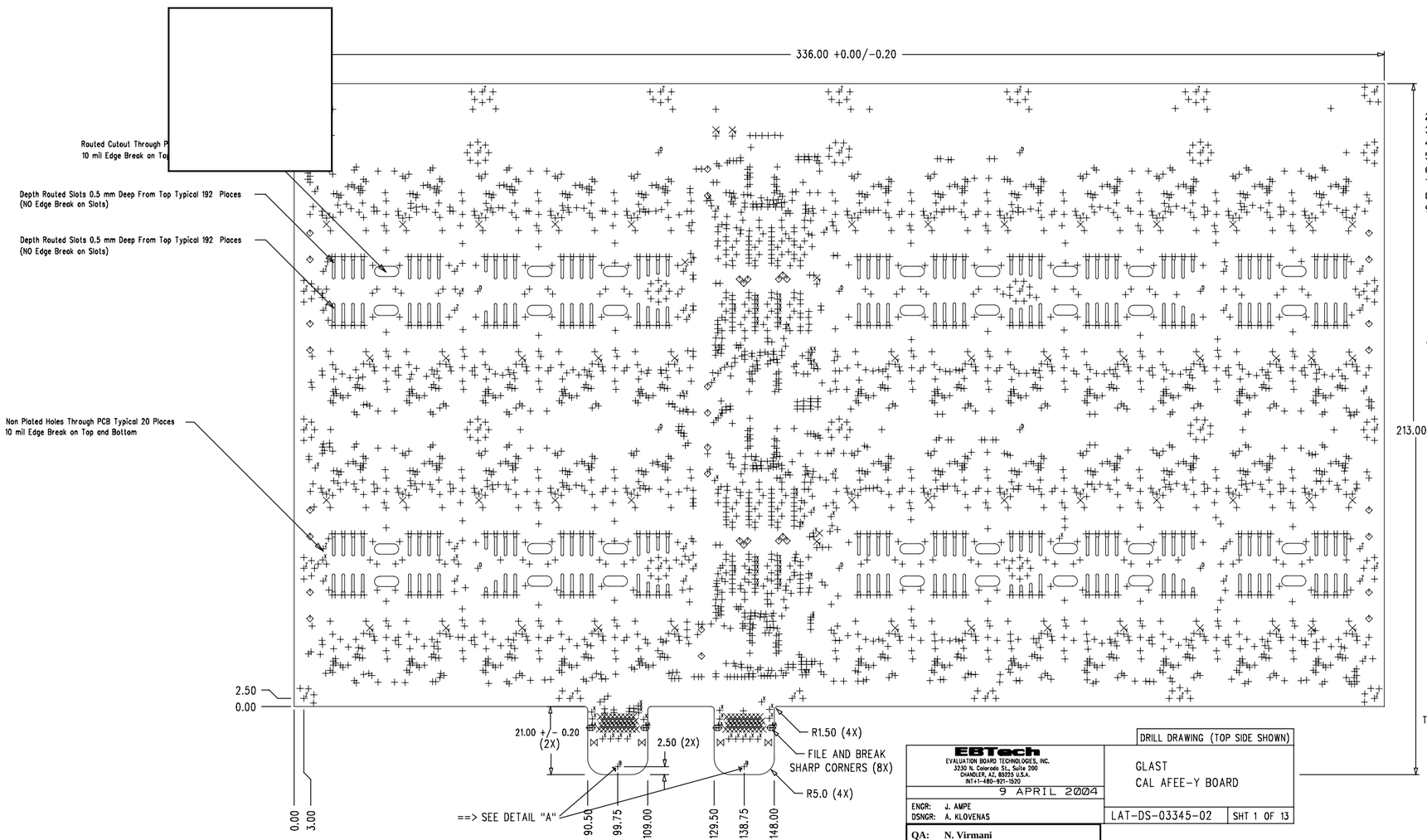
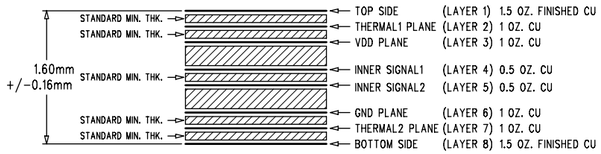


NOTES: UNLESS OTHERWISE SPECIFIED: ALL DIM. ARE IN MILIMETER

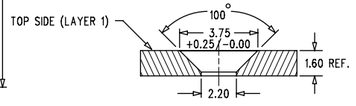
1. FABRICATE PCB IN ACCORDANCE WITH CAL AFEE PROCUREMENT SPECIFICATION LAT-DS-01127-01, USING MASTER ARTWORKS LAT-DS-03345-02 DATED 9-APRIL-2004.
2. BOARD LAYERS = 8.
3. OVERALL FINISHED THICKNESS 1.60mm +/- 0.16mm.
4. MATERIAL: EPOXY GLASS, POLYIMIDE.
5. SIZES IN DRILL CHART ARE FINISHED HOLE DIAMETERS IN MILLIMETERS.
6. SOLDER MASK BOTH SIDES SMOBC, DRY FILM, COLOR GREEN.
7. SILKSCREEN COLOR WHITE, LOW OUTGASSING.
8. MIN. CONDUCTOR WIDTH/SPACING 0.10mm / 0.10mm.
9. MIN. EXTERNAL AND INTERNAL ANNULAR RING 0.002 INCH.
10. FABRICATOR TO PULL ANY EXPOSED COPPER 0.020" IN FROM BOARD EDGE.
11. ALL EXPOSED COPPER FINISHED HASL, MAX. 0.002" THICK SOLDER.
12. CONTROLLED DEPTH ROUTING MUST MAINTAIN MINIMUM 0.5mm (20 MIL) CLEARANCE FROM TOPSIDE COPPER.



LAYER STACKUP - 8 LAYER

SIZE	QTY	SYM	PLTD
10	3475	+	PLTD
16	132	×	PLTD
31	36	◇	PLTD
50	4	⋈	NPLTD
64	8	A	NPLTD
86.61	2	B	NPLTD
334.65	10	D	NPLTD
8	90	X	PLTD
22	58	Y	PLTD
118.11	51	Z	NPLTD
64 x 100	4	A	NPLTD

ALL DRILLS 0.008" TOLERANCE +0.003" / -0.008".
ALL DRILLS 0.010" TOLERANCE +0.003" / -0.010".



DETAIL "A"
(NOT DRAWN TO SCALE)

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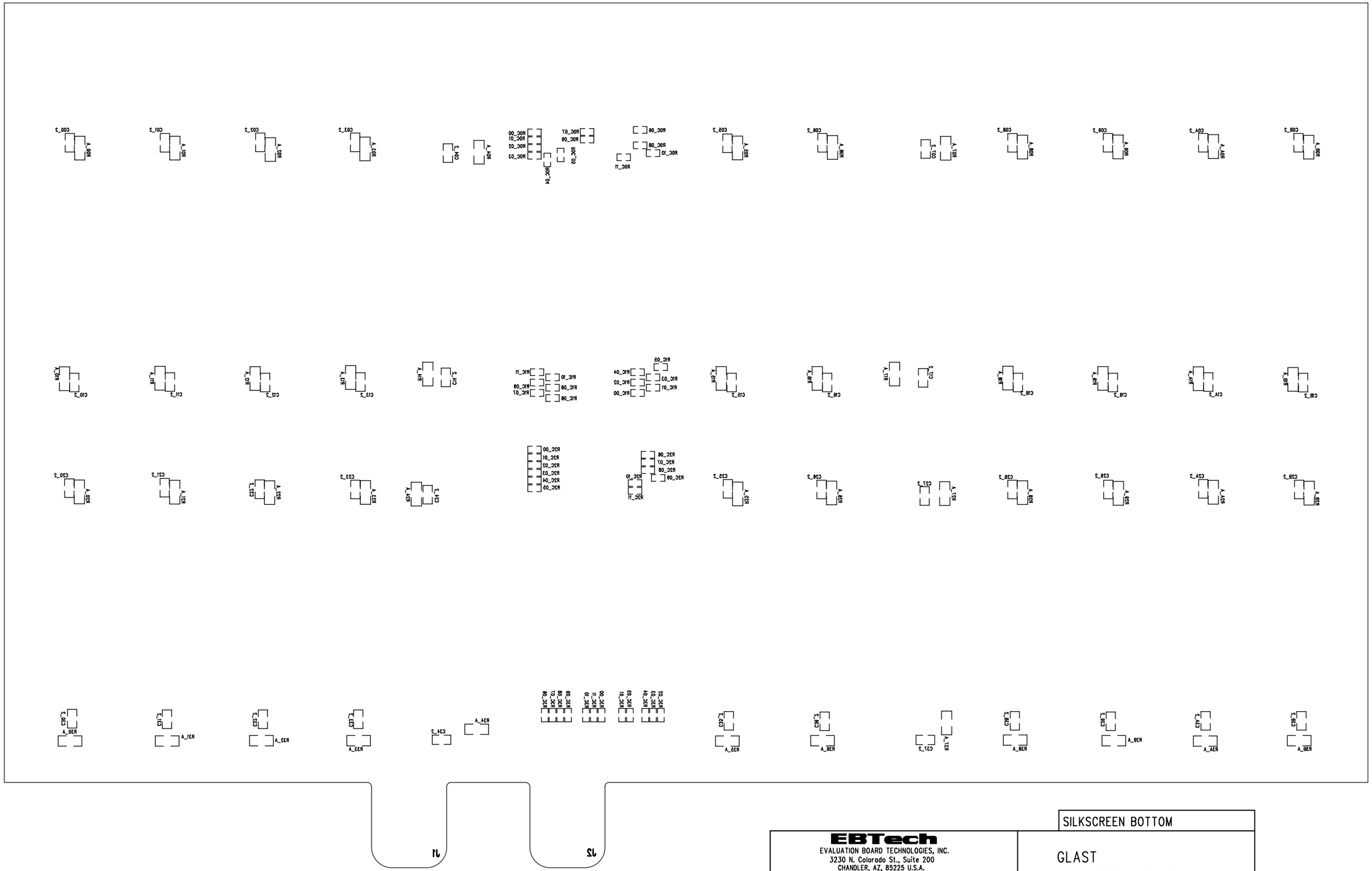
9 APRIL 2004	
ENGR: J. AMPE DSNGR: A. KLOVENAS	LAT-DS-03345-02 SHT 1 OF 13
QA: N. Virmani	
Project Mgr: W.C. Raynor	

MASTER DRAWING
GLAST-CAL CM FILE COPY

RELEASED FOR MANUFACTURE
9 April 2004



SILKSCREEN BOTTOM

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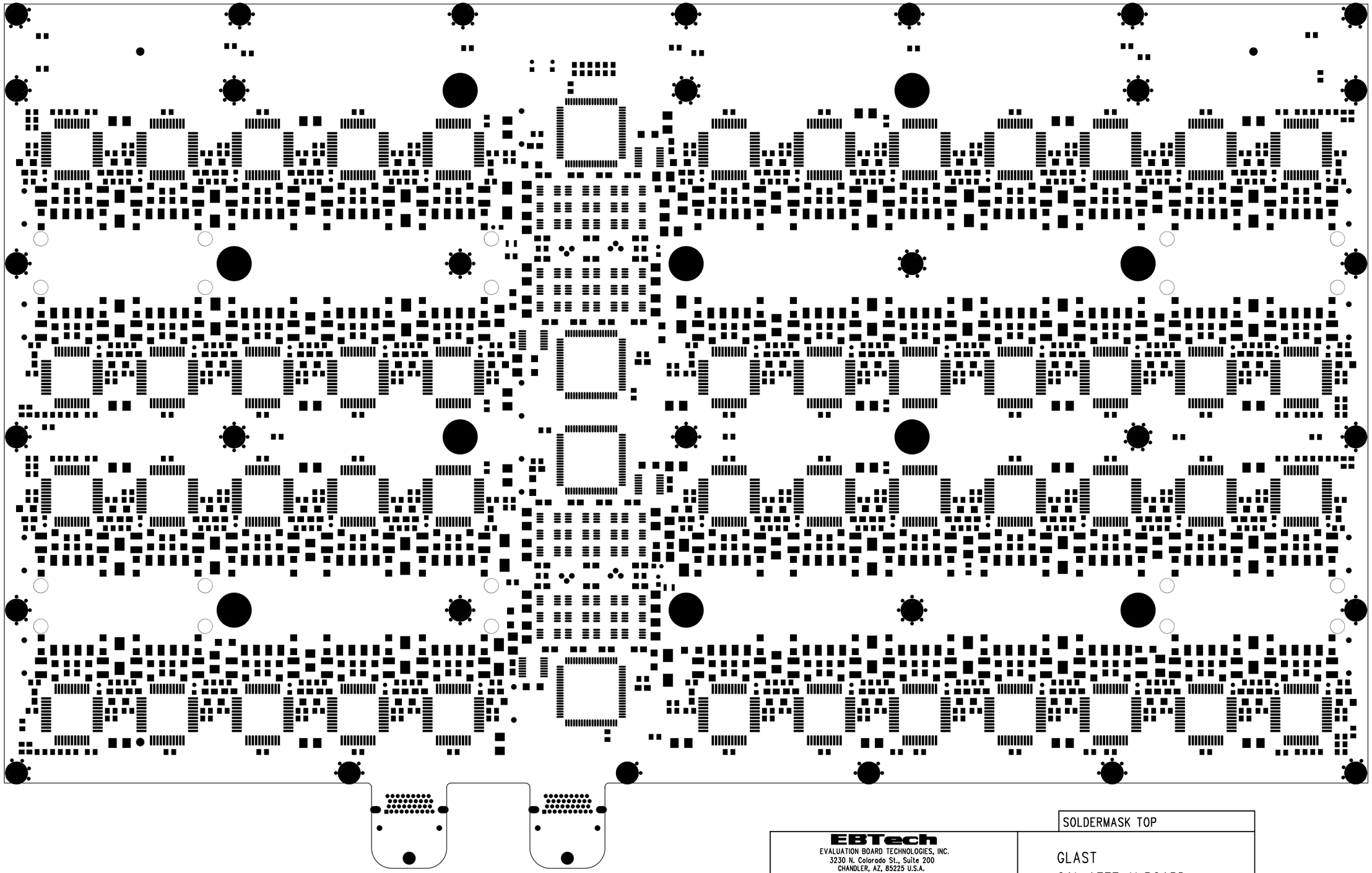
DSNGR: A. KLOVENAS

GLAST
CAL AFEE-Y BOARD

LAT-DS-03345-02

SHT 12 OF 13



SOLDERMASK TOP

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CAL AFEE-Y BOARD

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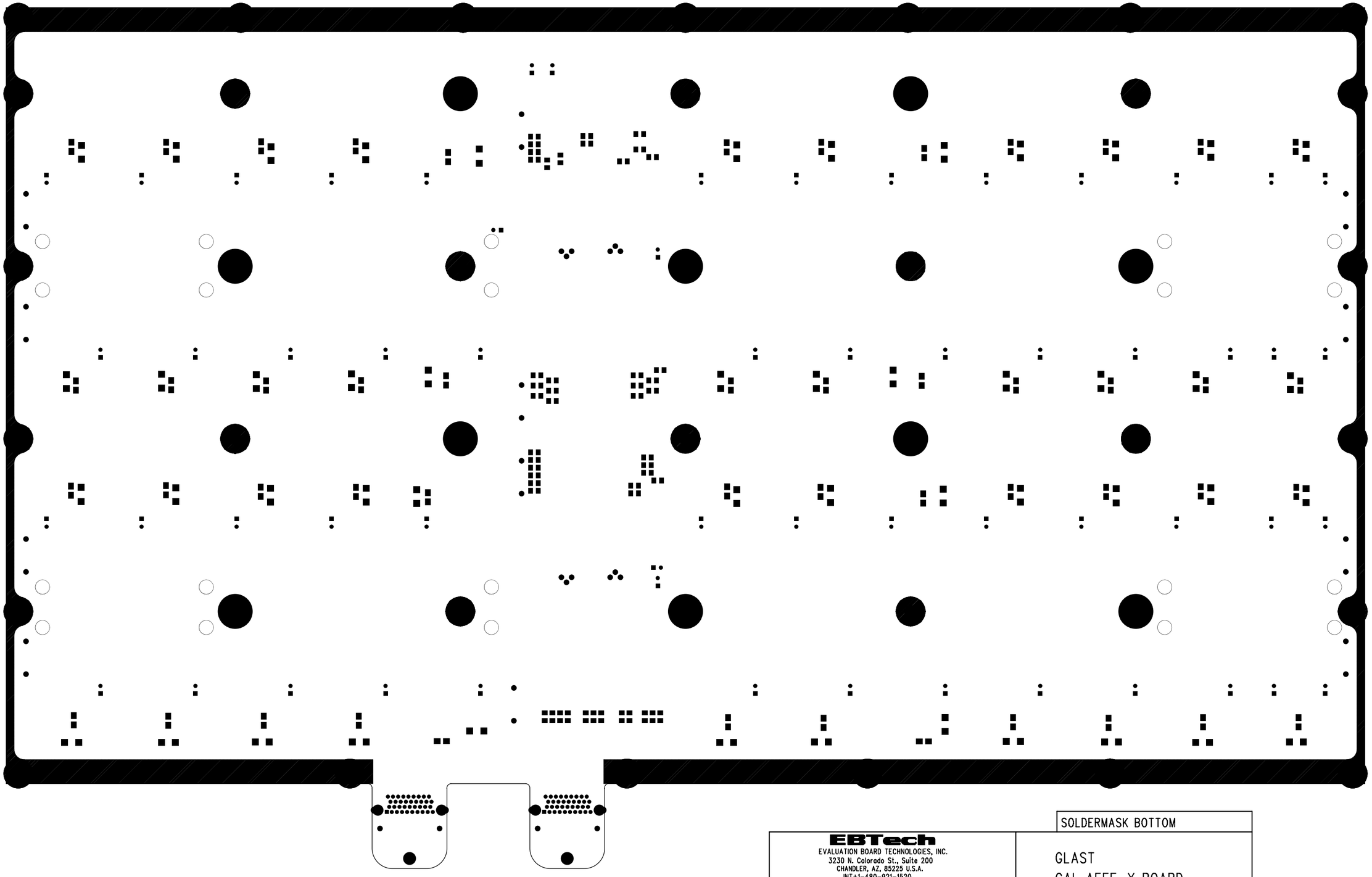

SOLDERMASK BOTTOM

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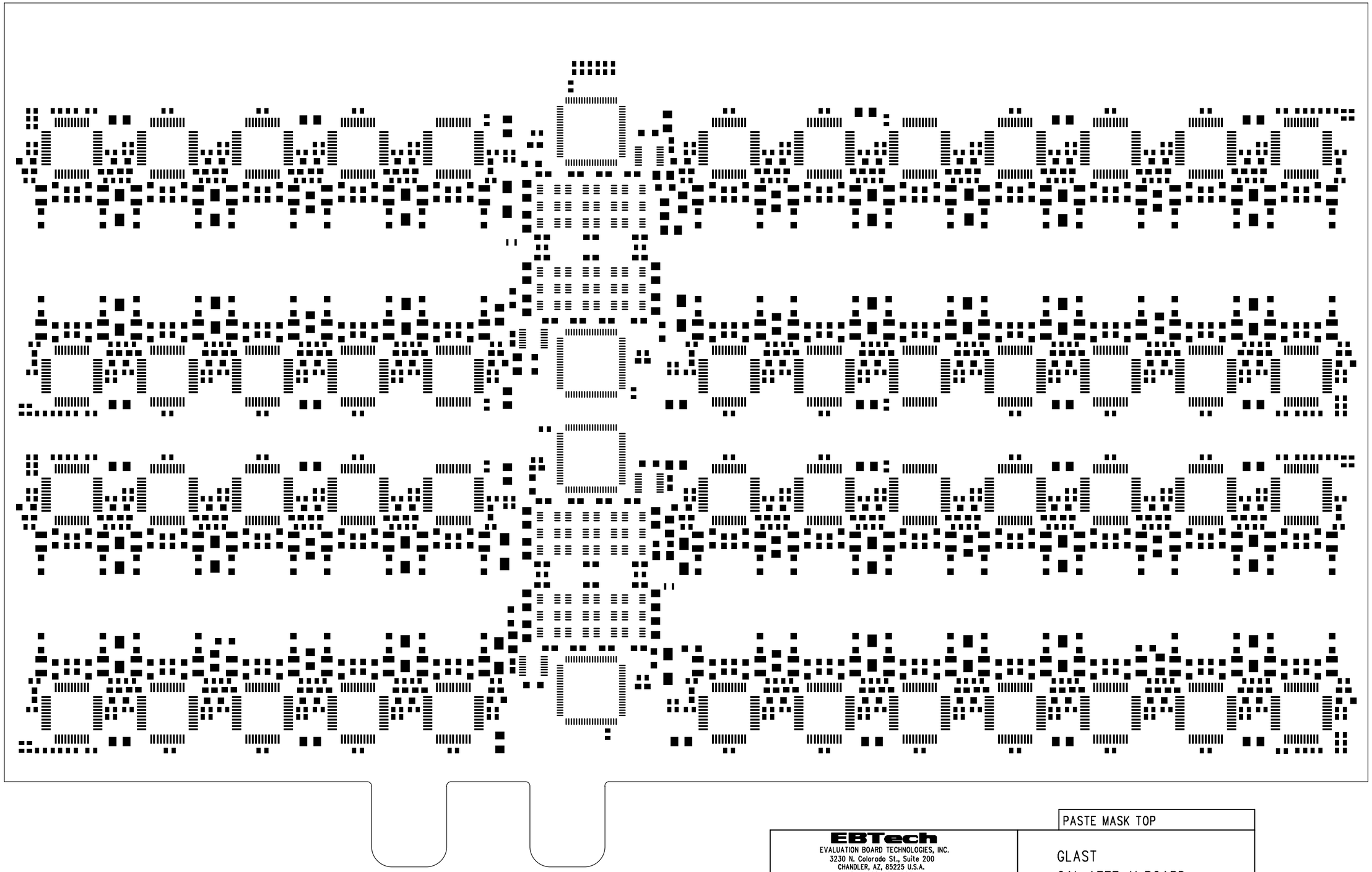
CAL AFEE-Y BOARD

LAT-DS-03345-02

SHT 13 OF 13



PASTE MASK TOP

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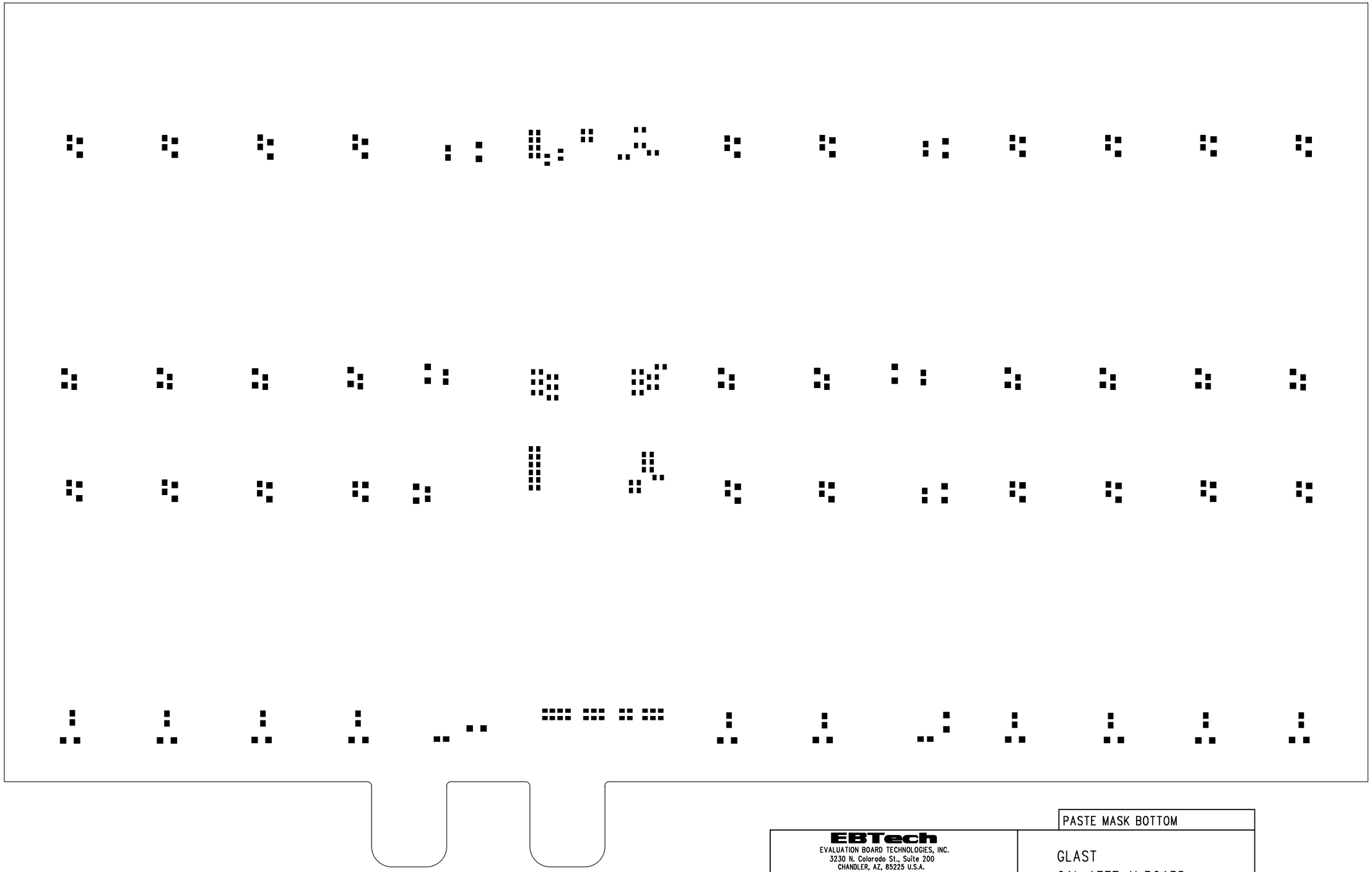
LAT-DS-03345-02

SHT 2 OF 13



PASTE MASK BOTTOM

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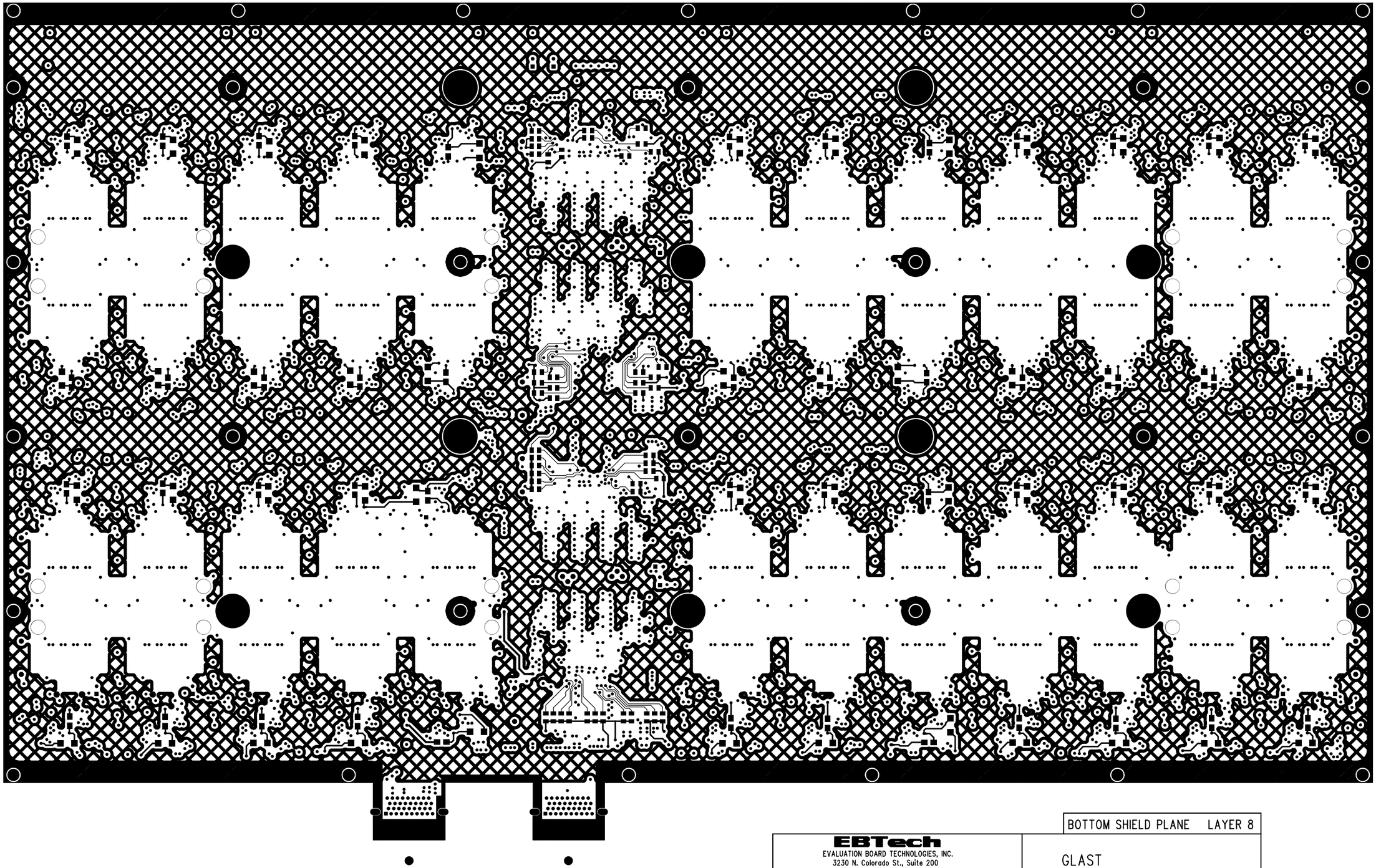
CAL AFEE-Y BOARD

LAT-DS-03345-02

SHT 13 OF 13



BOTTOM SHIELD PLANE LAYER 8

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CAL AFEE-Y BOARD

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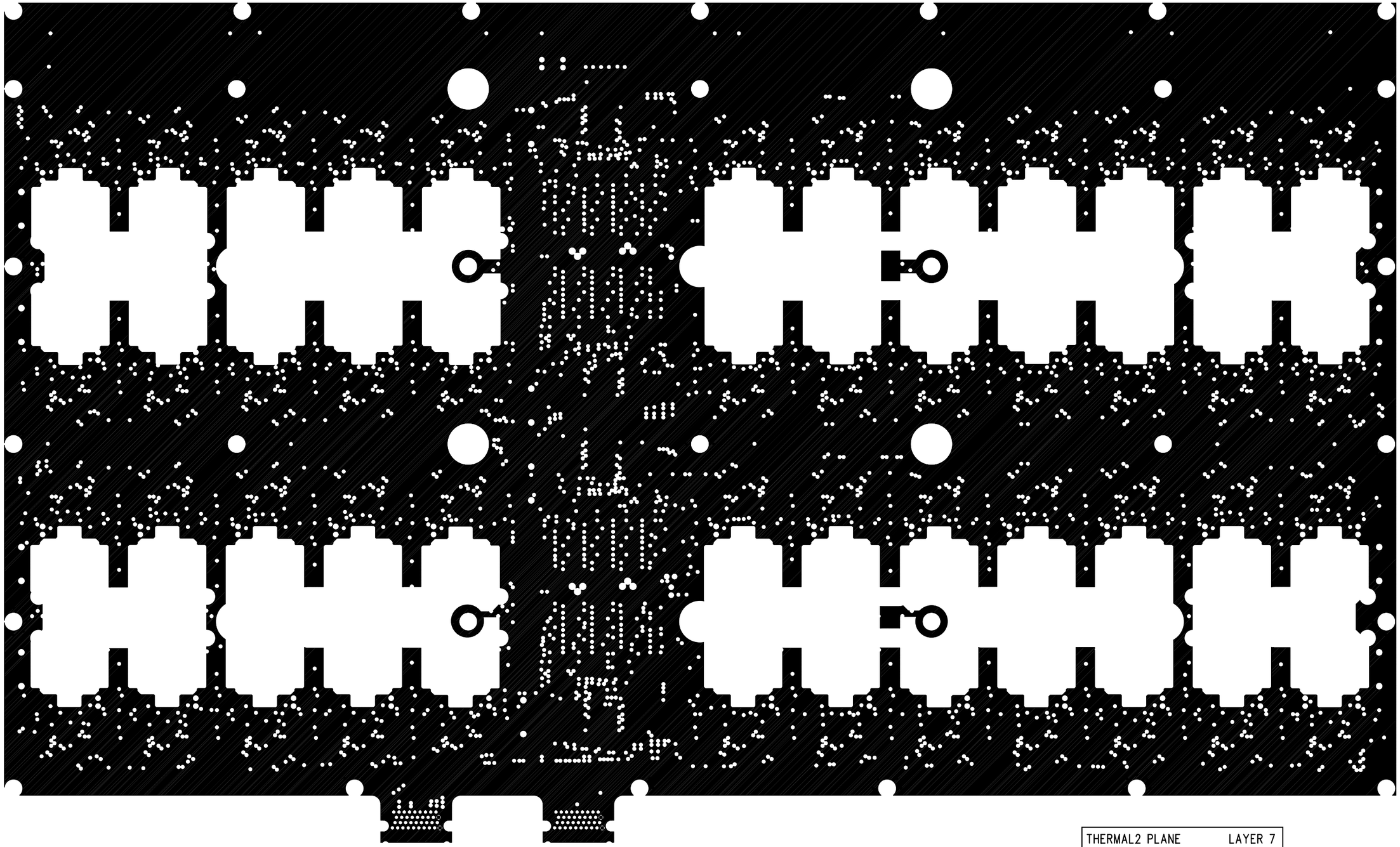
SHT 12 OF 13



THERMAL2 PLANE LAYER 7

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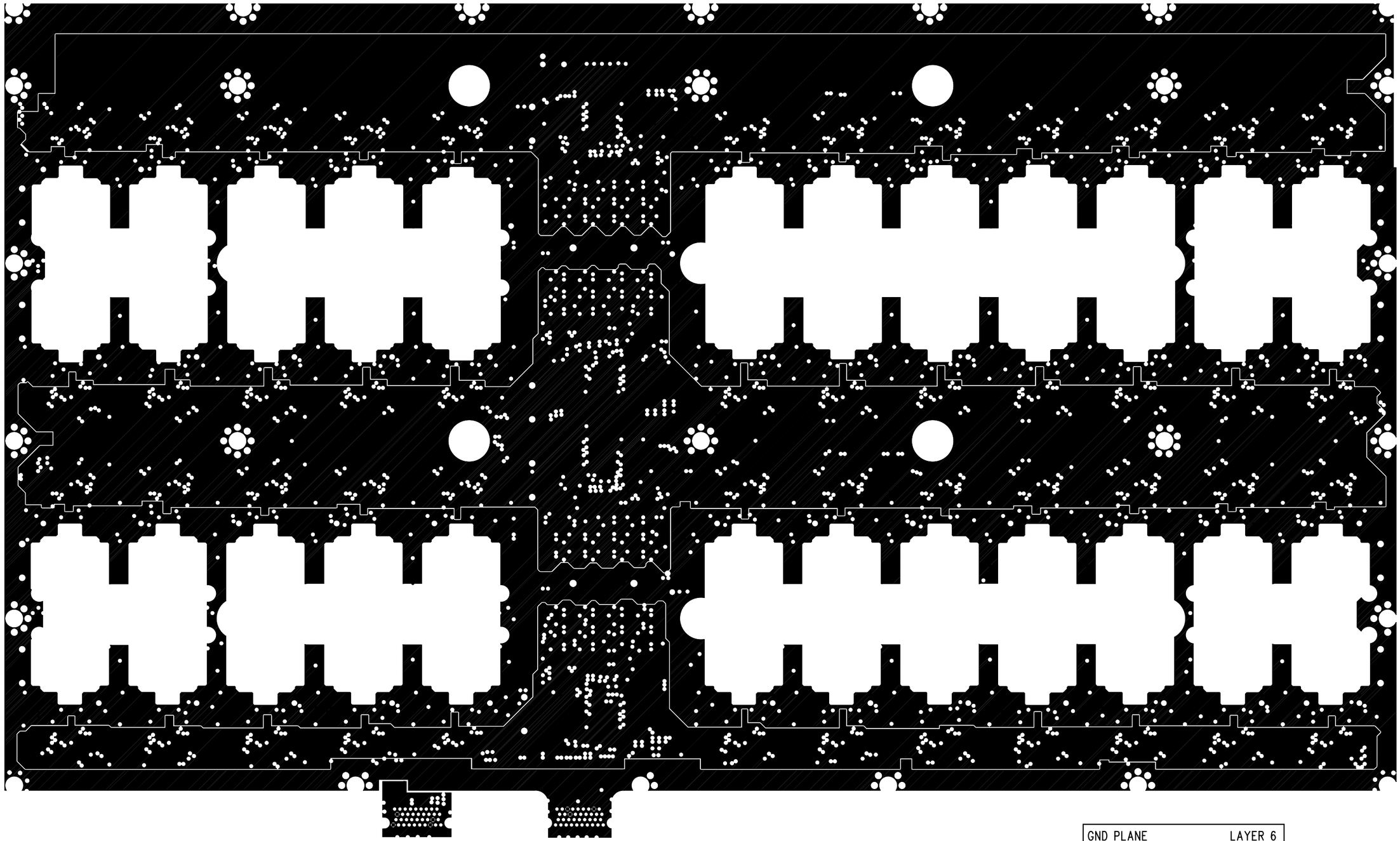
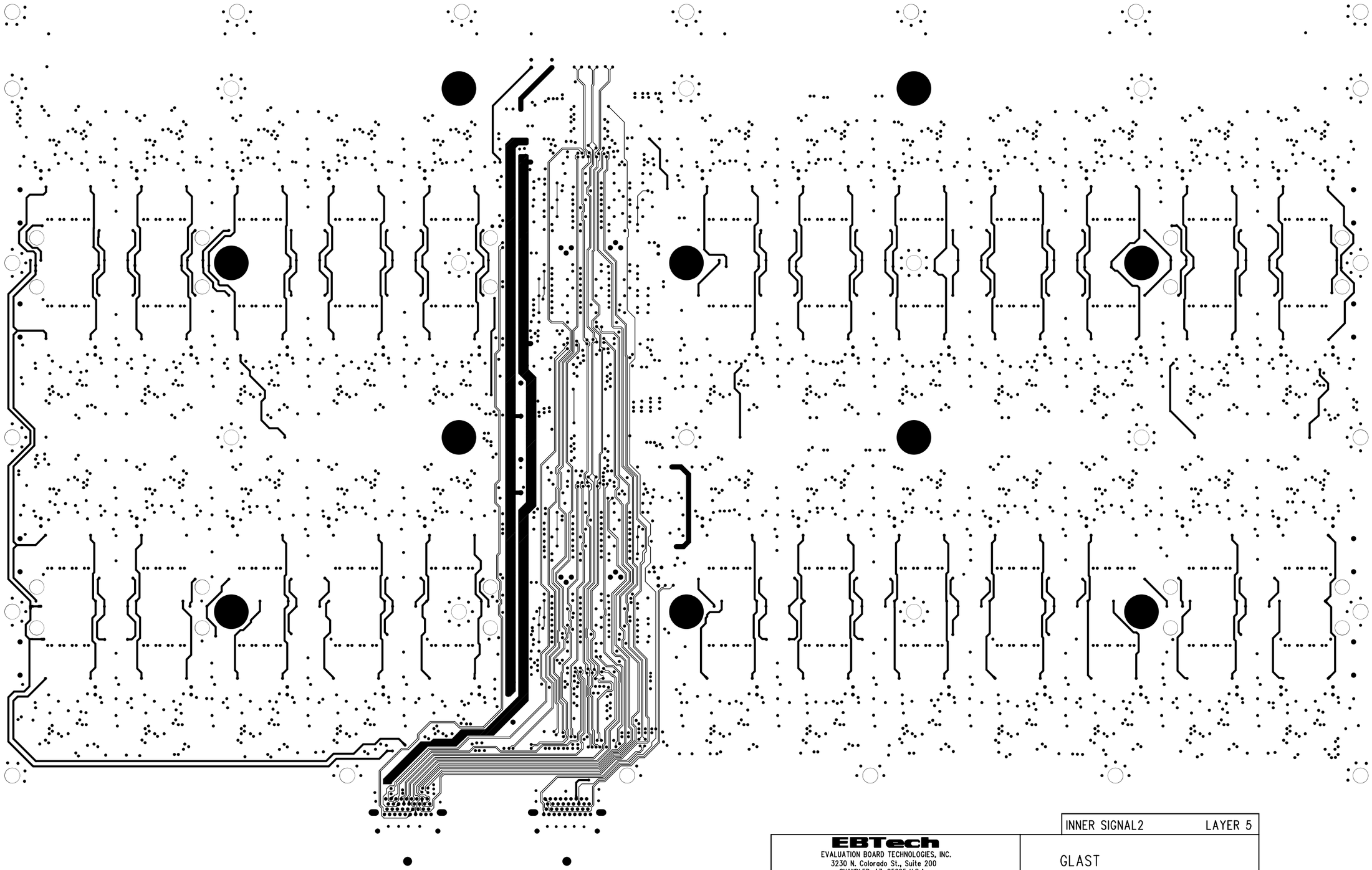
SHT 11 OF 13



EBTech EVALUATION BOARD TECHNOLOGIES, INC. 3230 N. Colorado St., Suite 200 CHANDLER, AZ, 85225 U.S.A. INT+1-480-921-1520	GND PLANE	LAYER 6
9 APRIL 2004	GLAST CAL AFEE-Y BOARD	
ENGR: J. AMPE DSNGR: A. KLOVENAS	LAT-DS-03345-02	SHT 10 OF 13



	INNER SIGNAL2	LAYER 5
EBTech EVALUATION BOARD TECHNOLOGIES, INC. 3230 N. Colorado St., Suite 200 CHANDLER, AZ, 85225 U.S.A. INT+1-480-921-1520	GLAST CAL AFEE-Y BOARD	
9 APRIL 2004		
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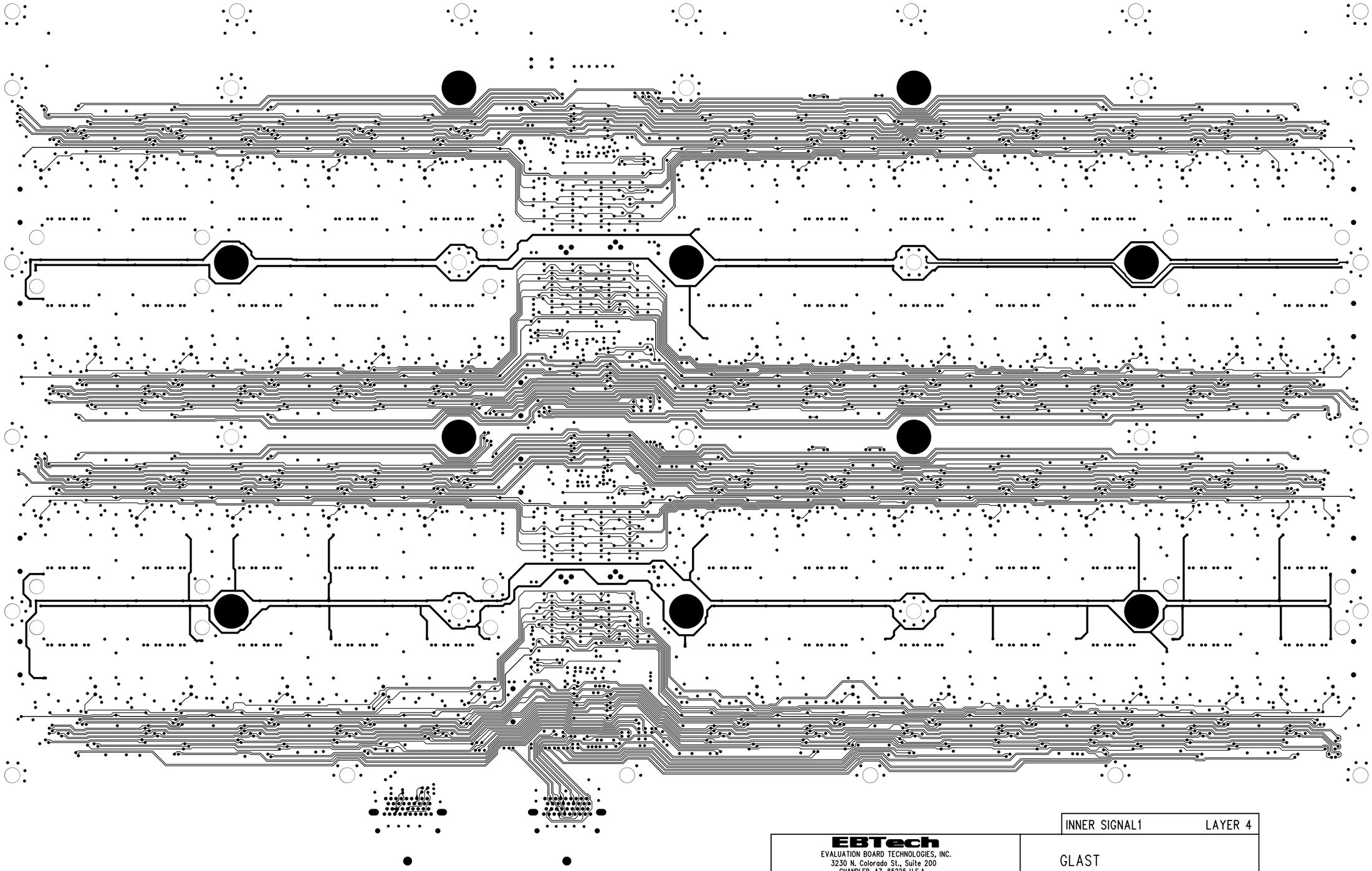

	INNER SIGNAL1	LAYER 4
EBTech EVALUATION BOARD TECHNOLOGIES, INC. 3230 N. Colorado St., Suite 200 CHANDLER, AZ, 85225 U.S.A. INT+1-480-921-1520	GLAST CAL AFEE-Y BOARD	
9 APRIL 2004		
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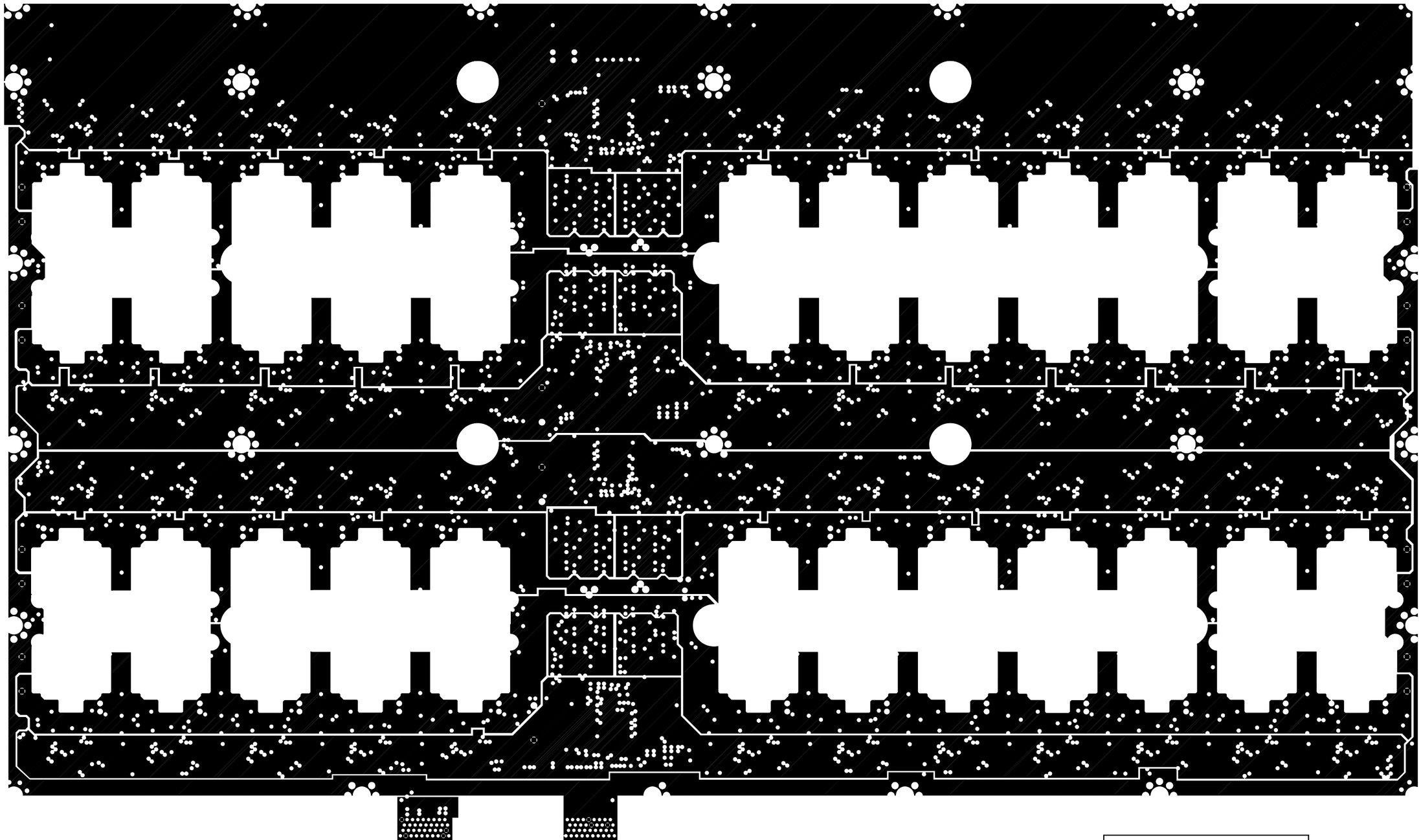

POWER PLANE	LAYER 3

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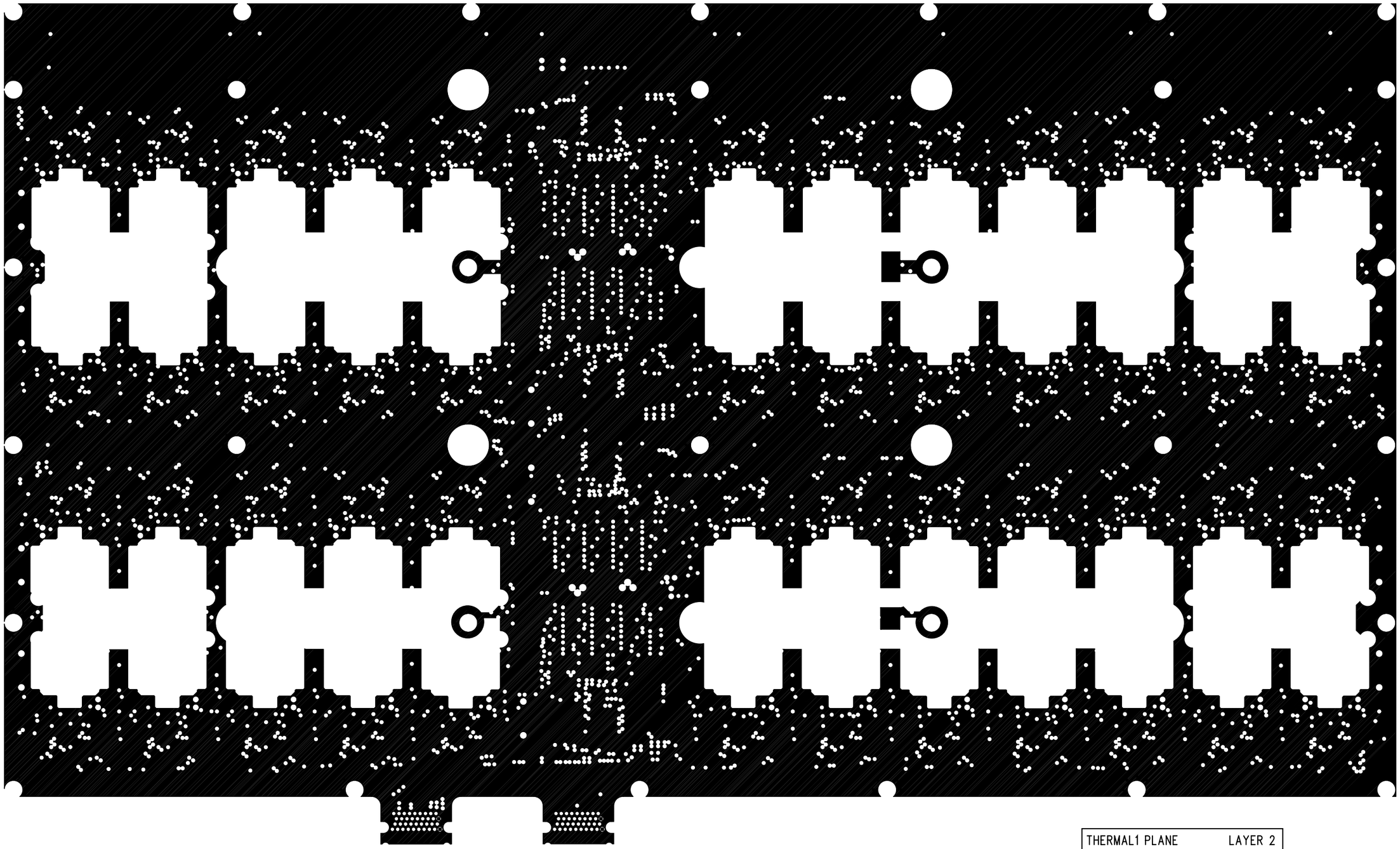

THERMAL1 PLANE LAYER 2

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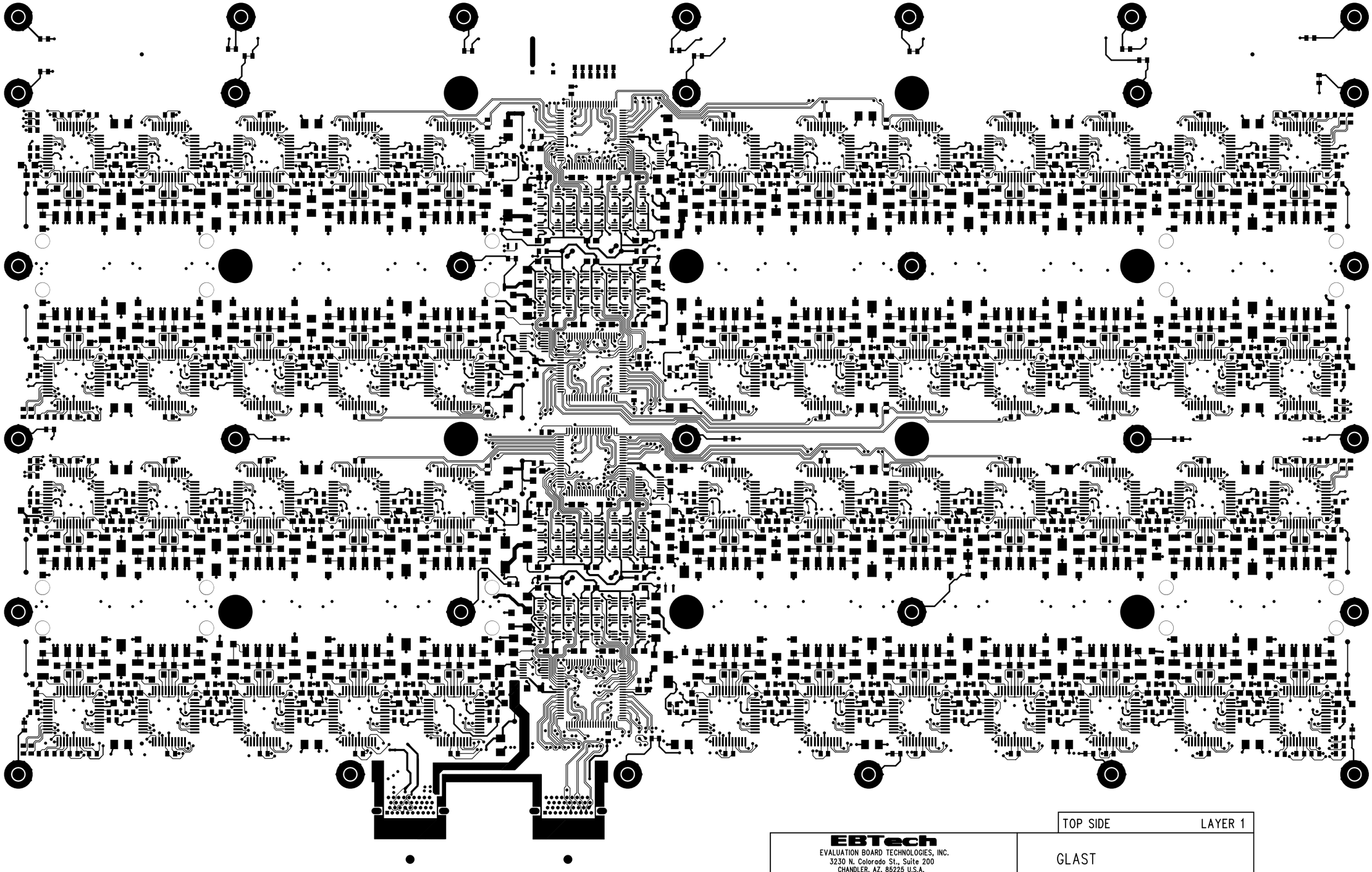

	TOP SIDE	LAYER 1
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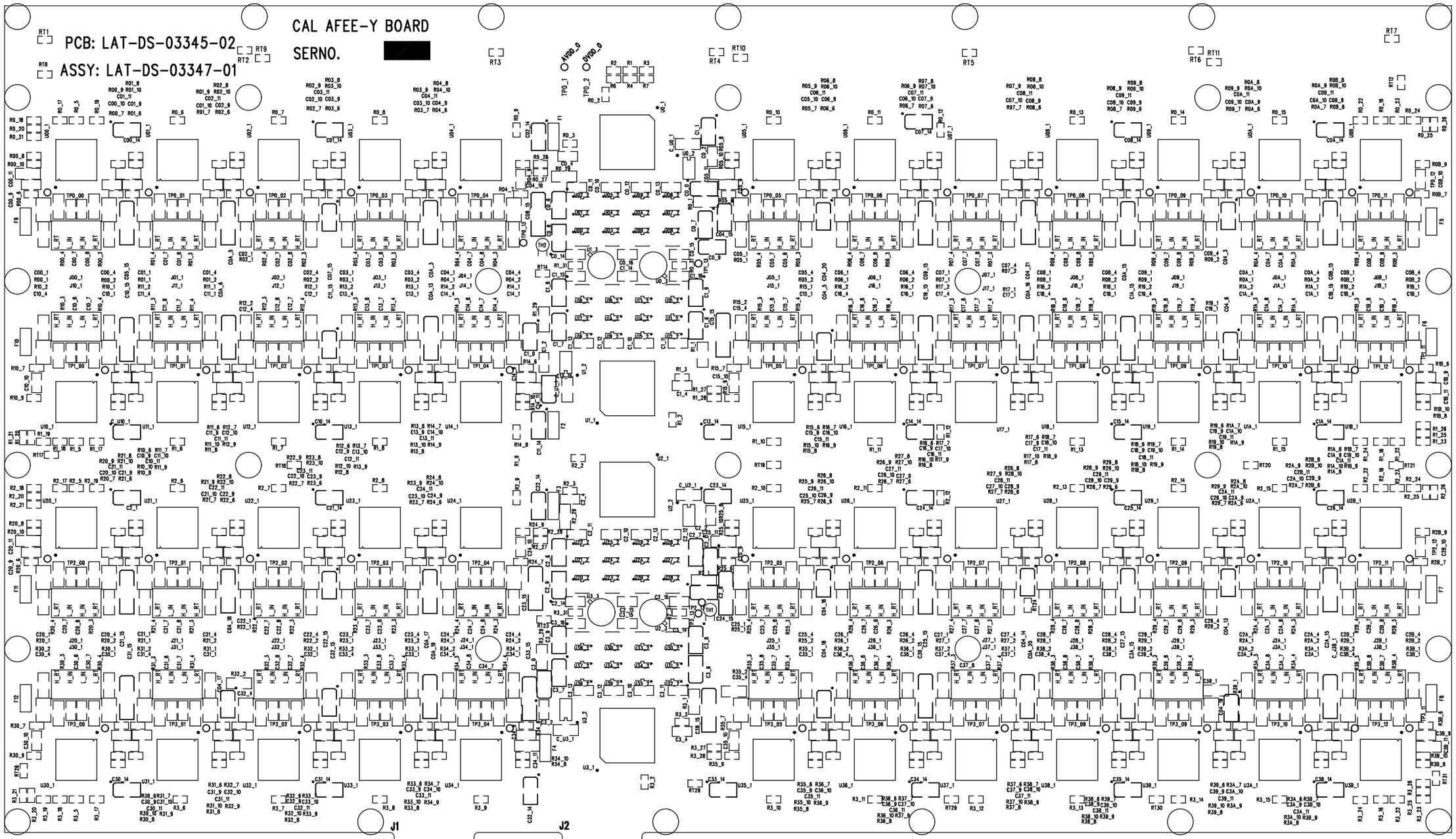

SILKSCREEN TOP

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