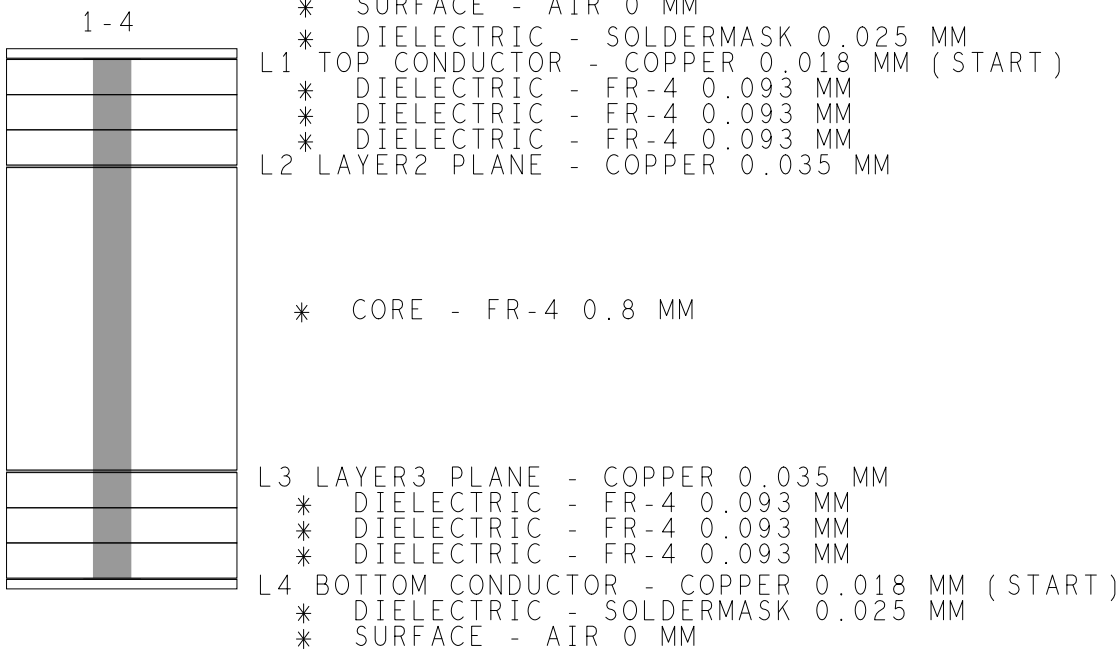


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	25APR24	J. PATTERSON
B	CHANGES AS PER ECR-122187	11SEP24	J. PATTERSON

DESIGN CROSS SECTION CHART
TOTAL THICKNESS 1.6mm +/- 10%



IMPEDANCE REQUIREMENTS

50 OHM IMPEDANCE IS REQUIRED ON ALL 0.5MM WIDTH TRACES
ON EXTERNAL LAYERS, LAYER 1 AND LAYER 4.


A TIME DOMAIN REFLECTOMETER REPORT (TDR) FOR EACH IMPEDANCE
CONTROLLED LAYER & A CERTIFICATE OF COMPLIANCE SHALL BE
PROVIDED BY VENDOR AT TIME OF SHIPMENT. INSTANCES WHERE TDR
TESTING CAN'T BE PERFORMED BECAUSE THE TRACE LENGTH IS TOO
SHORT ON THE OUTER LAYERS AT THE PIN ESCAPES IS ACCEPTABLE.
ALL OTHER INSTANCES MUST BE REPORTED.

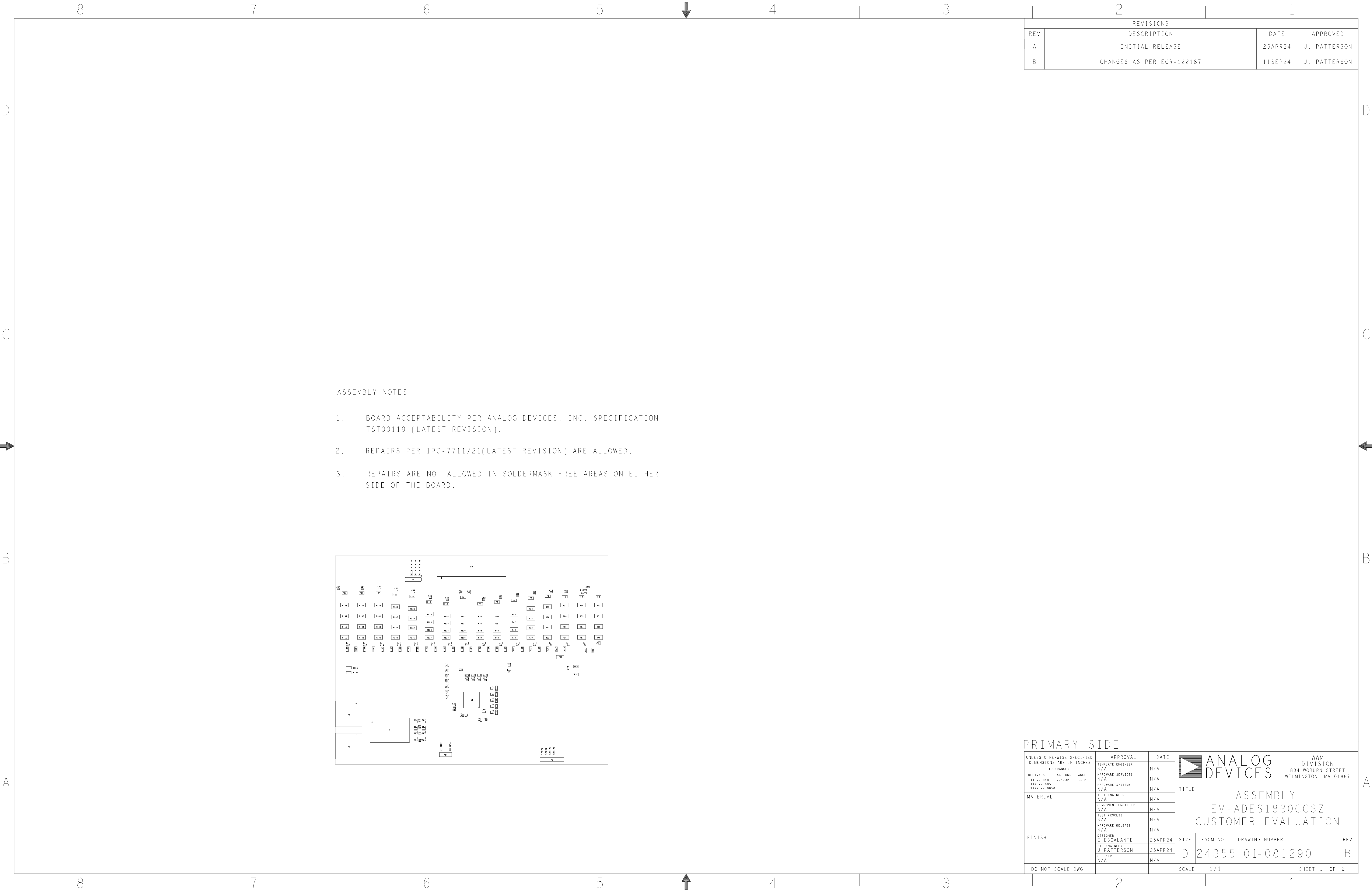
HOLE TOLERANCE

UNLESS SPECIFIED
PLATED: +/- 0.0762
NON PLATED: +/- 0.05

FINISHED HOLES IN MILS				
ALL UNITS ARE IN MILLIMETERS				
FIGURE	SIZE	PLATED	QTY	TOLERANCE/NOTES
+	0.2499	PLATED	375	
.	0.41	PLATED	376	
*	0.51	PLATED	189	
•	1.0201	PLATED	24	
◊	1.14	PLATED	6	
◊	1.14	PLATED	13	
◊	1.65	PLATED	4	
◊	1.8999	PLATED	20	
⊙	3.0	NON-PLATED	6	
⊙	3.1801	NON-PLATED	4	
E	3.1801	NON-PLATED	4	
+	4.0599	NON-PLATED	5	

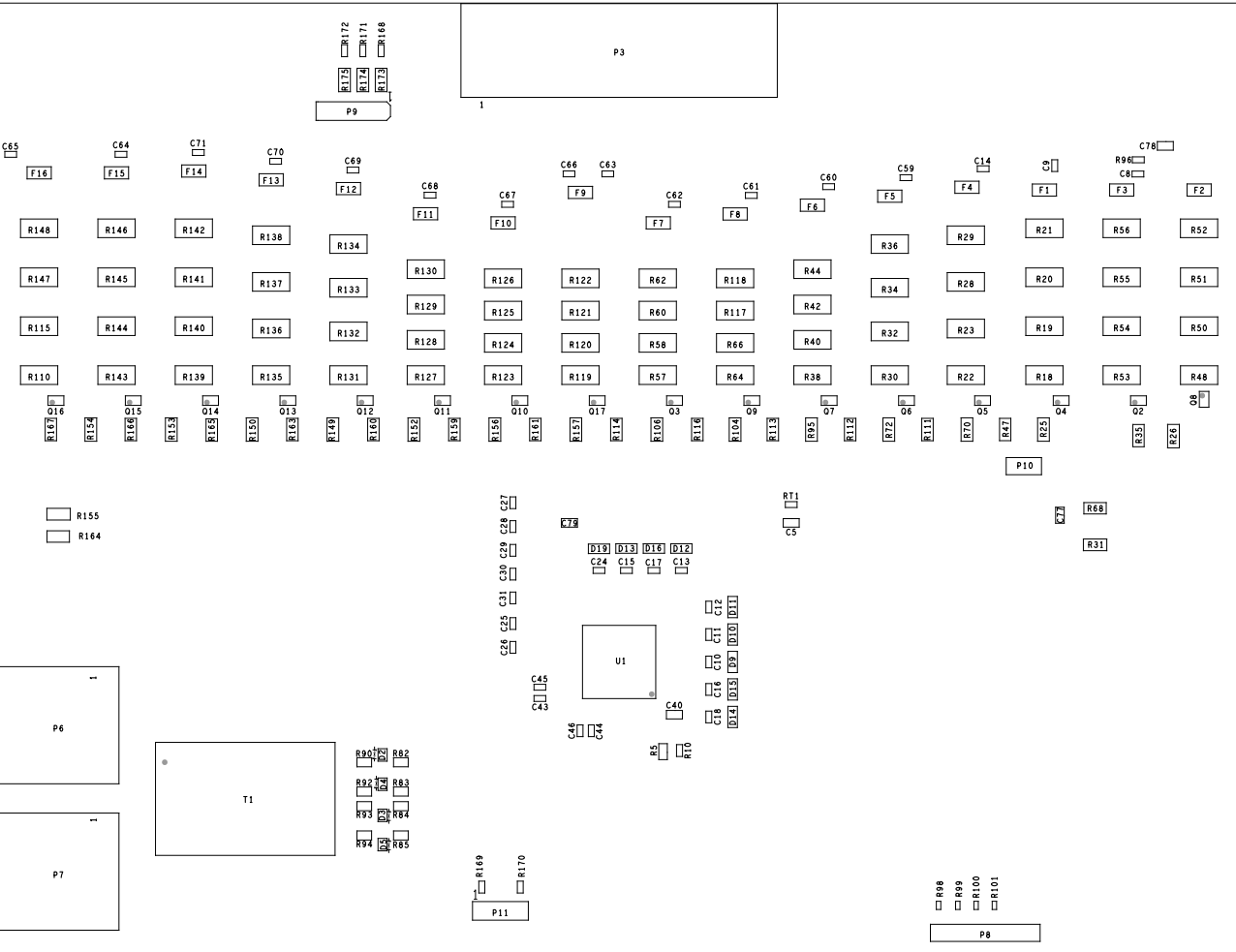
PRIMARY SIDE

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		APPROVAL	DATE	 <div>WWM DIVISION 804 WOBURN STREET WILMINGTON, MA 01887</div>	
TOLERANCES		TEMPLATE ENGINEER	N/A		
HARDWARE SERVICES		N/A	N/A	TITLE FABRICATION EV-ADES1830CCSZ CUSTOMER EVALUATION	
DECIMALS FRACTIONS ANGLES		N/A	N/A		
.XX . .010 . .1/32 . . 2		N/A	N/A		
HARDWARE SYSTEMS		N/A	N/A	SIZE FSCM NO DRAWING NUMBER REV	
MATERIAL		TEST ENGINEER	N/A		
		COMPONENT ENGINEER	N/A		
		TEST PROCESS	N/A		
		HARDWARE RELEASE	N/A		
FINISH		DESIGNER	25APR24		
		PID ENGINEER	25APR24		
		CHECKER	N/A		
DO NOT SCALE DWG				SCALE 1/1	SHEET 1 OF 1



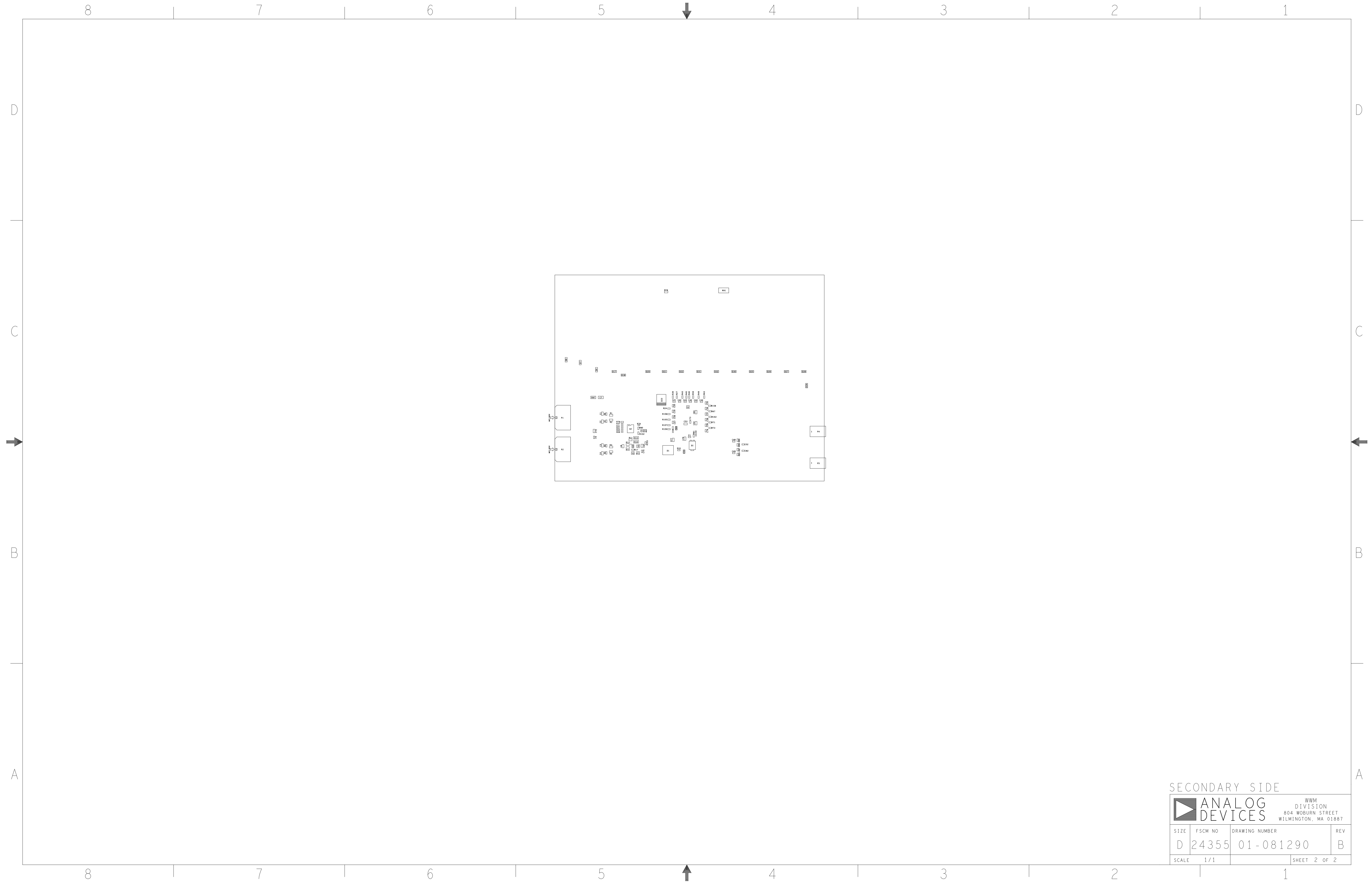
ASSEMBLY NOTES:

- BOARD ACCEPTABILITY PER ANALOG DEVICES, INC. SPECIFICATION TST00119 (LATEST REVISION).
- REPAIRS PER IPC-7711/21(LATEST REVISION) ARE ALLOWED.
- REPAIRS ARE NOT ALLOWED IN SOLDERMASK FREE AREAS ON EITHER SIDE OF THE BOARD.

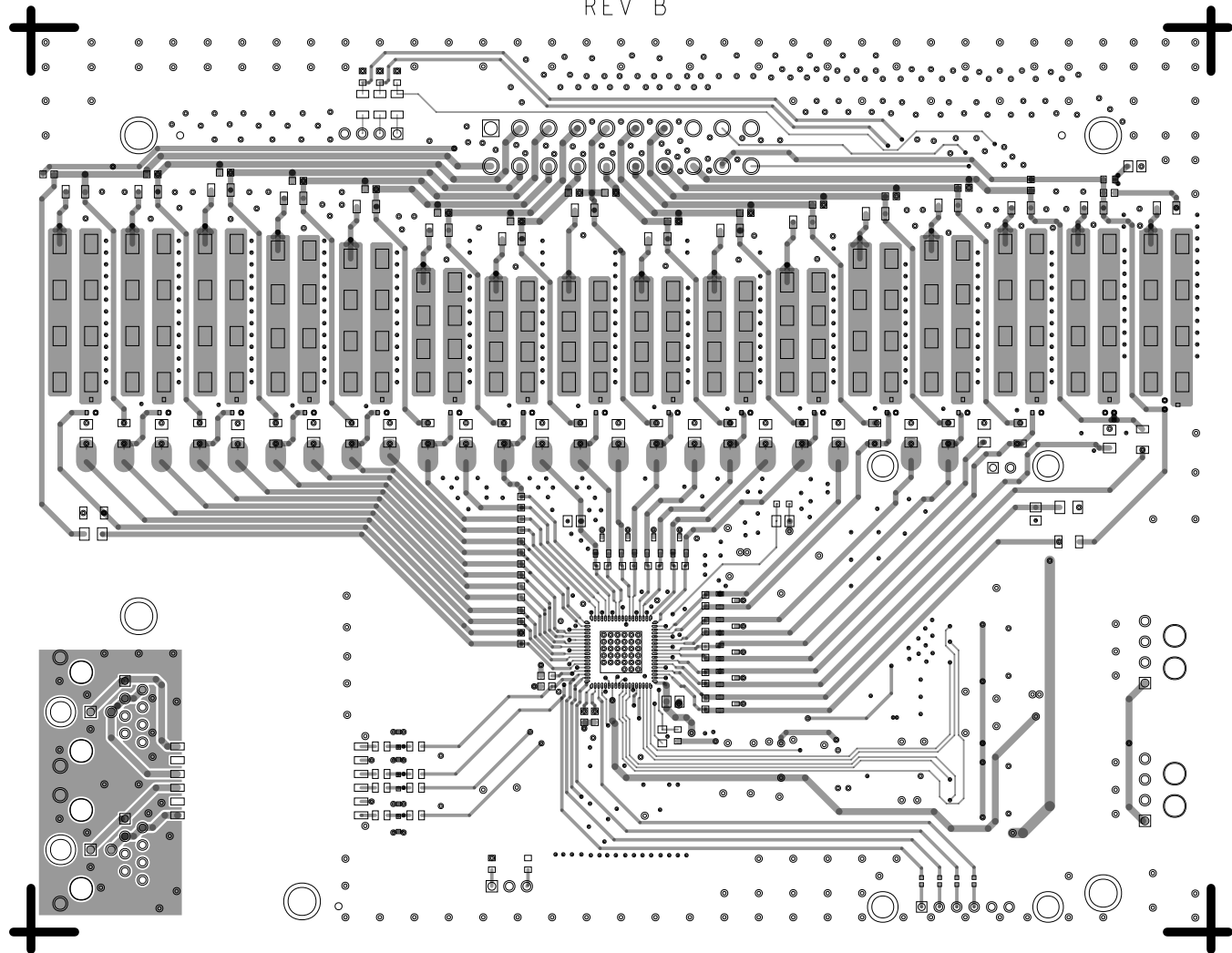


PRIMARY SIDE

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			APPROVAL		DATE		<div><div><div></div><div>ANALOG DEVICES</div></div><div>WWM DIVISION 804 WOBURN STREET WILMINGTON, MA 01887</div></div> <div>TITLE ASSEMBLY EV-ADES1830CCSZ CUSTOMER EVALUATION</div>			
TOLERANCES			TEMPLATE ENGINEER		N/A					
DECIMALS FRACTIONS ANGLES			HARDWARE SERVICES		N/A					
.XX . . .010 .1/32 . . 2			HARDWARE SYSTEMS		N/A					
.XXX . . .005			N/A		N/A					
.XXXX . . .0050			N/A		N/A					
MATERIAL			TEST ENGINEER		N/A					
			COMPONENT ENGINEER		N/A					
			TEST PROCESS		N/A					
			HARDWARE RELEASE		N/A					
			N/A		N/A					
FINISH			DESIGNER E. ESCALANTE		25APR24					
			P10 ENGINEER J. PATTERSON		25APR24					
			CHECKER		N/A					
			N/A		N/A					
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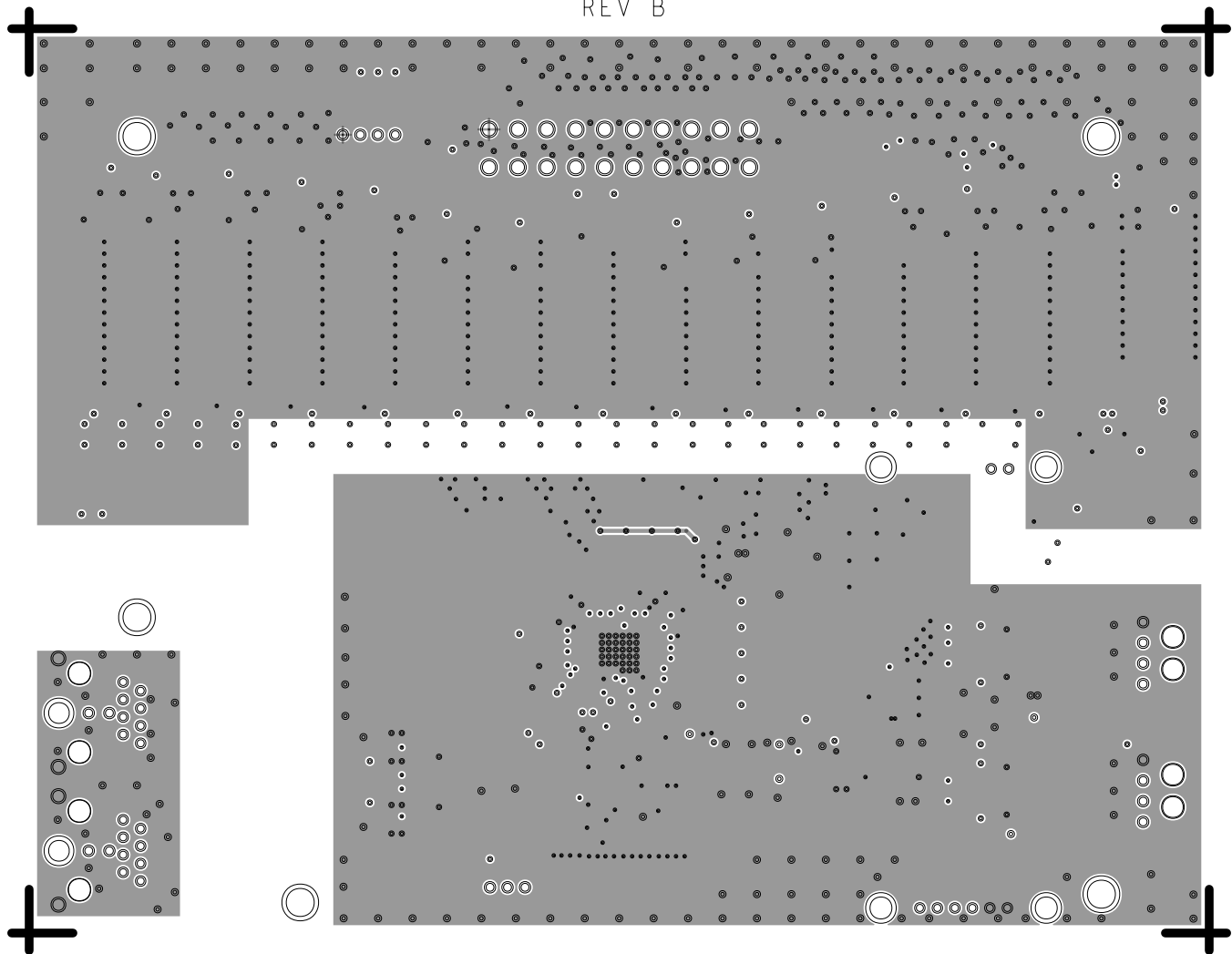
L1 PRIMARY
08-081290-01
REV B



L2 Internal GND

08-081290-07

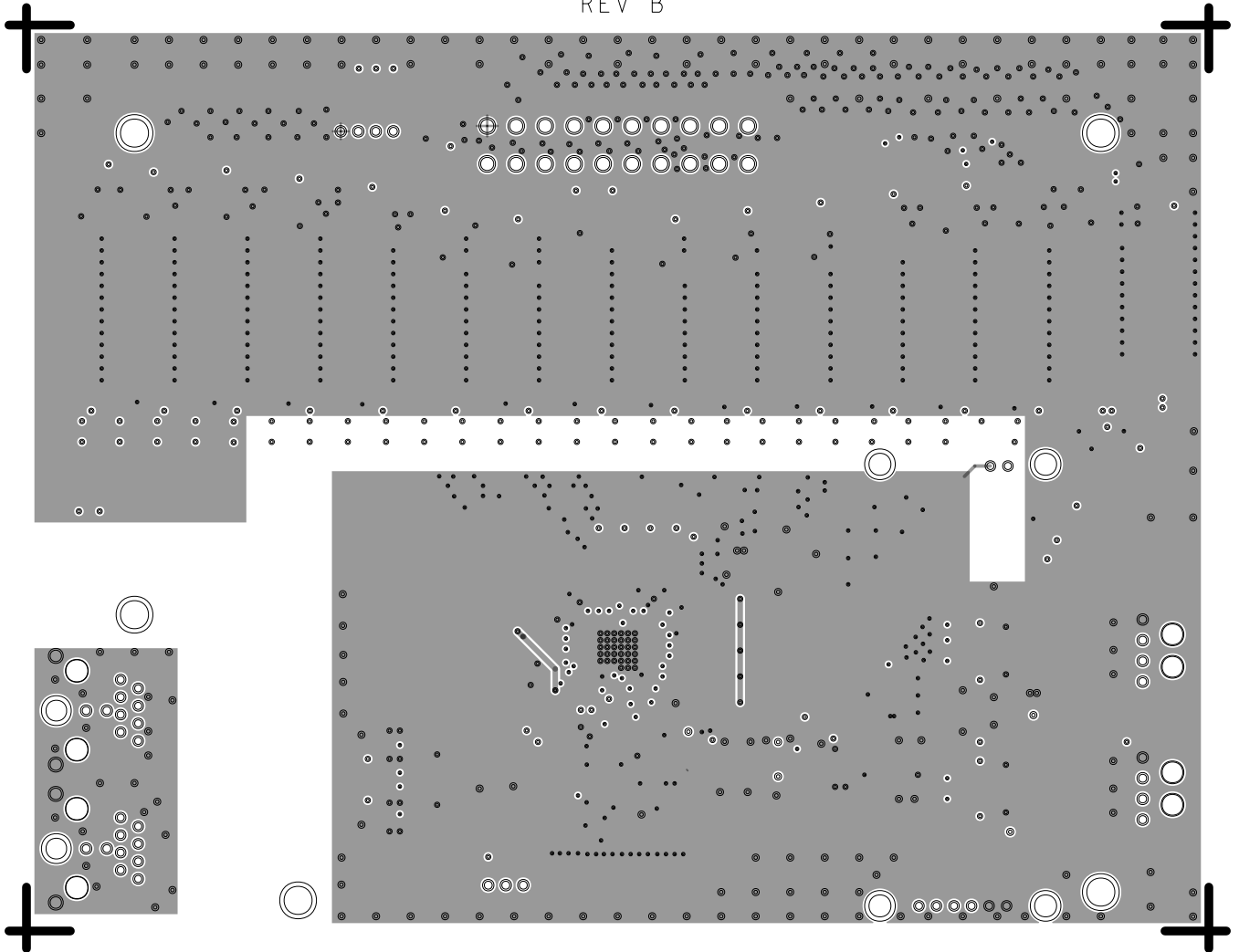
REV B



L3 Internal SIG/GND

08-081290-08

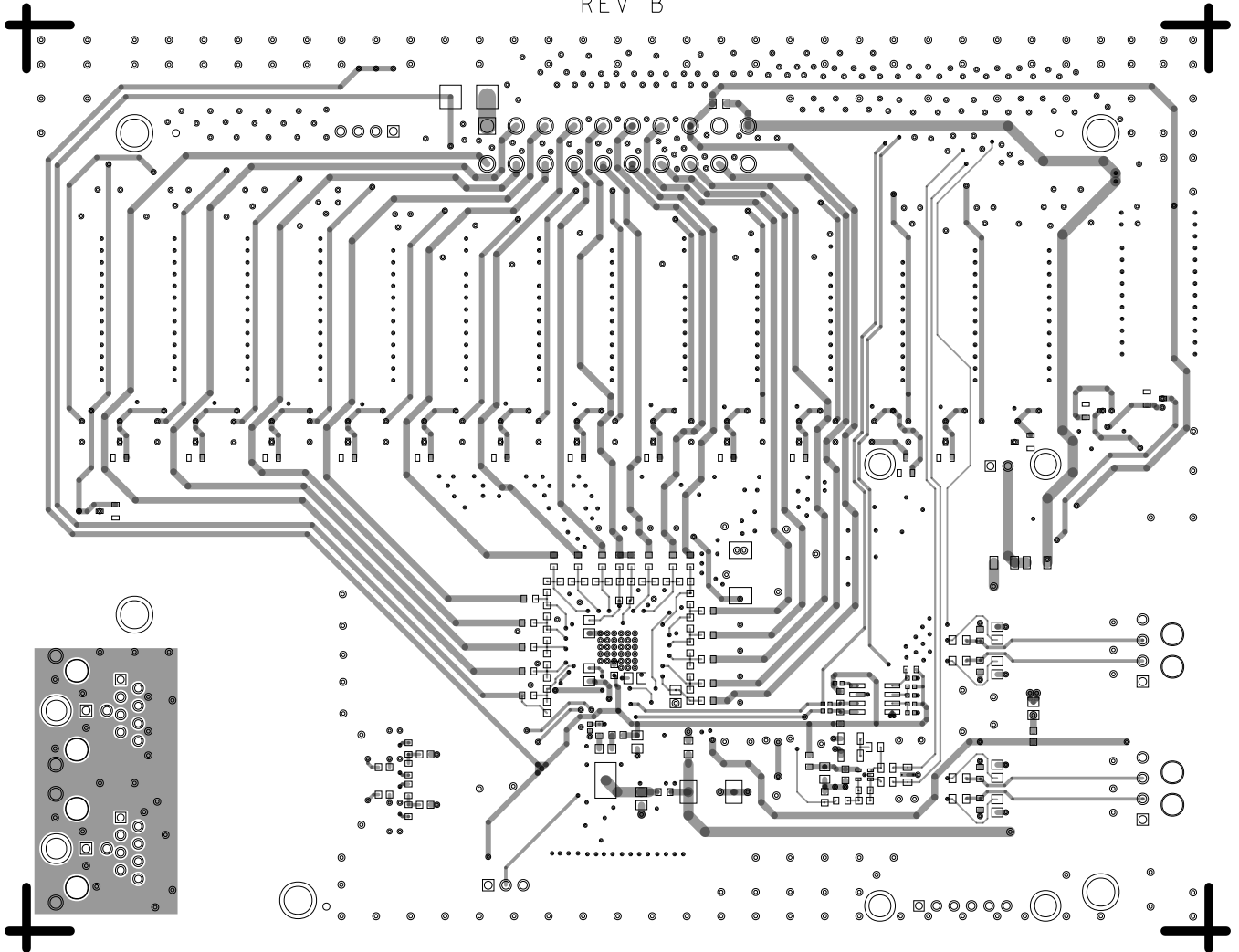
REV B



L4 SECONDARY

08-081290-02

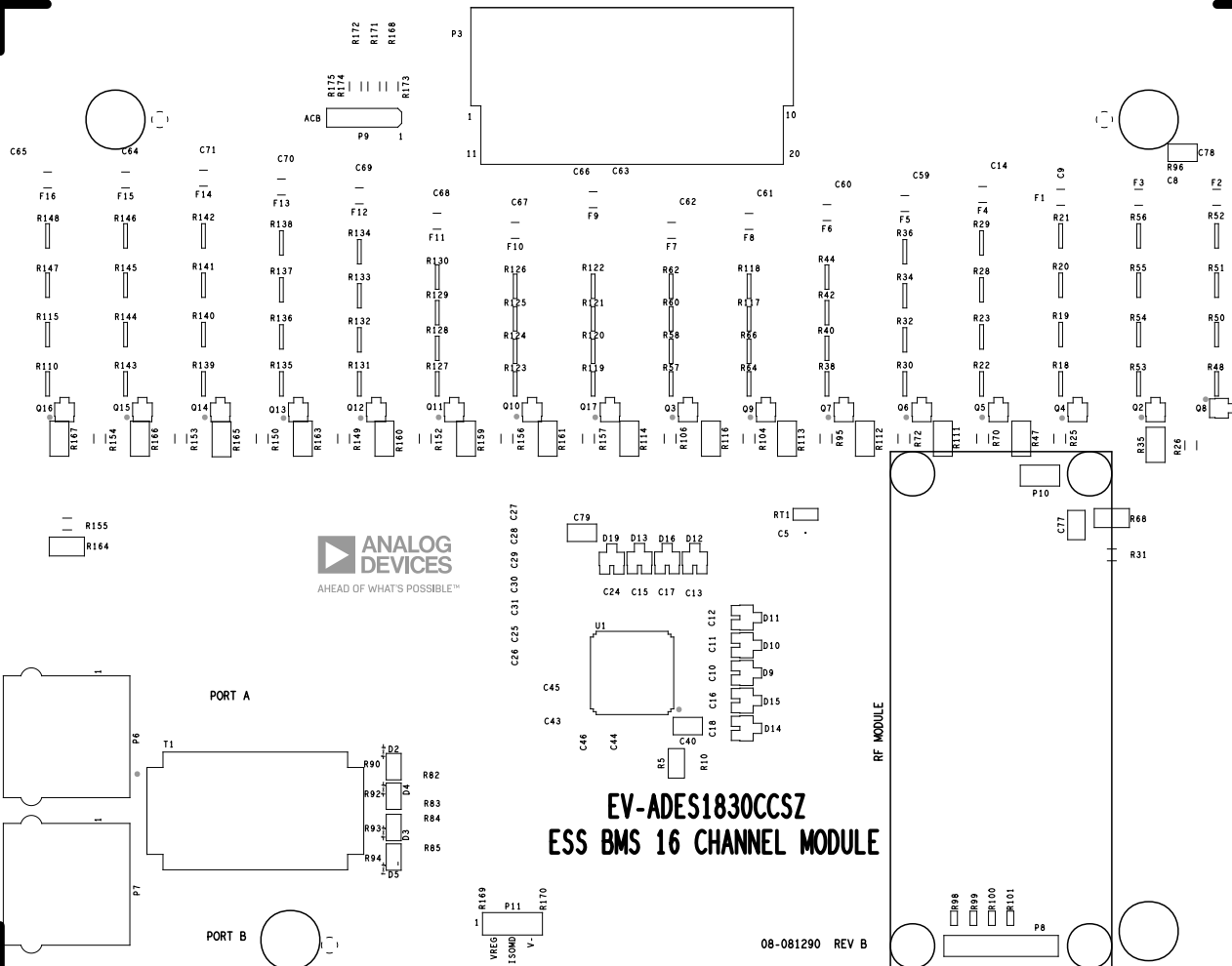
REV B



SILKSCREEN PRIMARY

08-081290-03

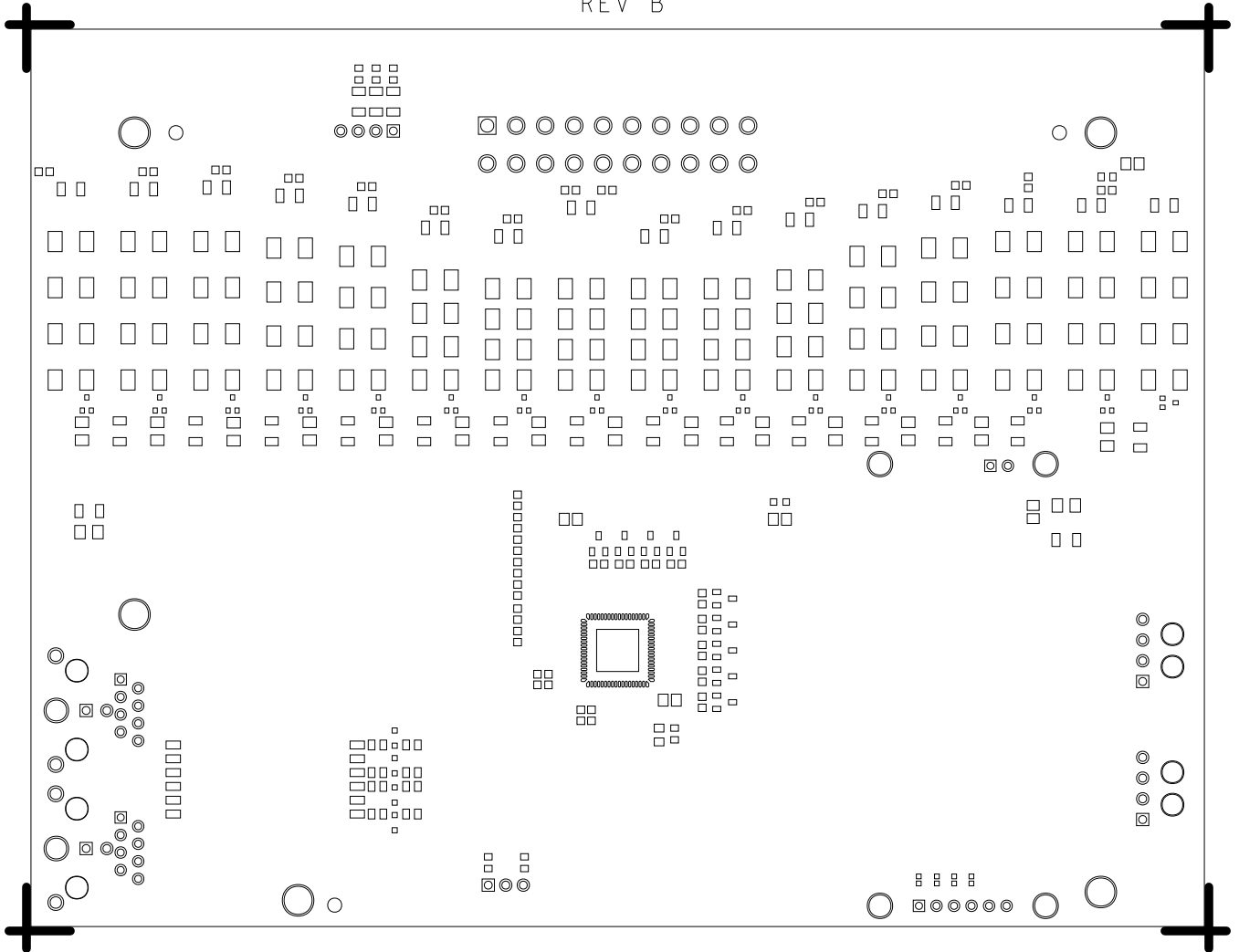
REV B



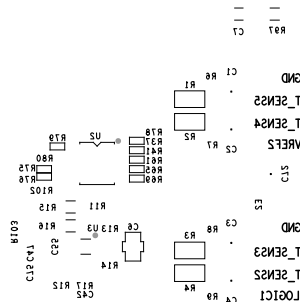
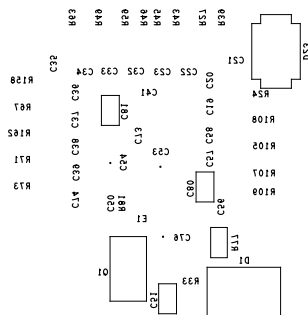
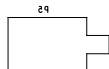
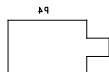
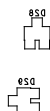
SOLDERMASK PRIMARY

08-081290-04

REV B



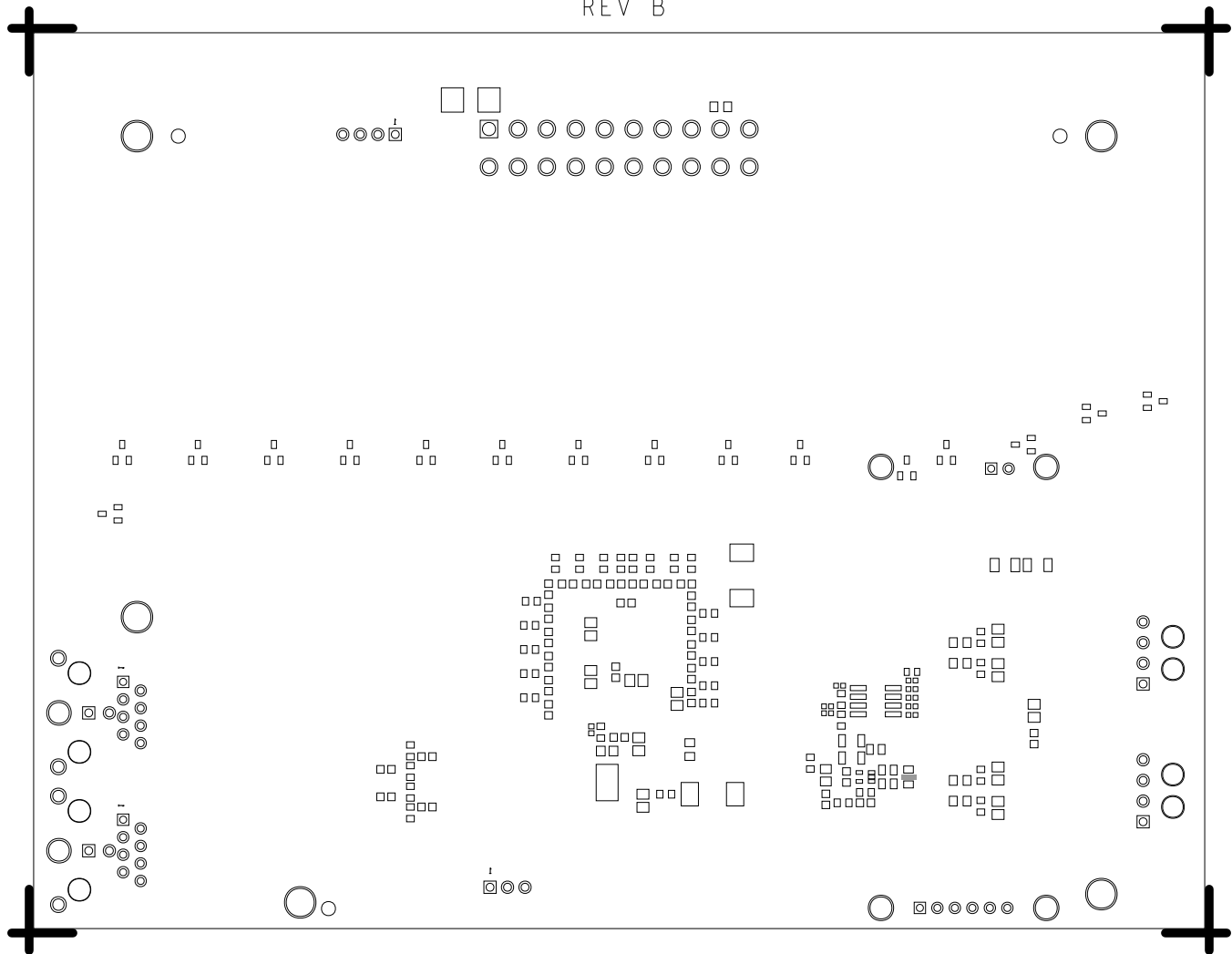
SILKSCREEN SECONDARY
08-081290-05
REV B



SOLDERMASK SECONDARY

08-081290-06

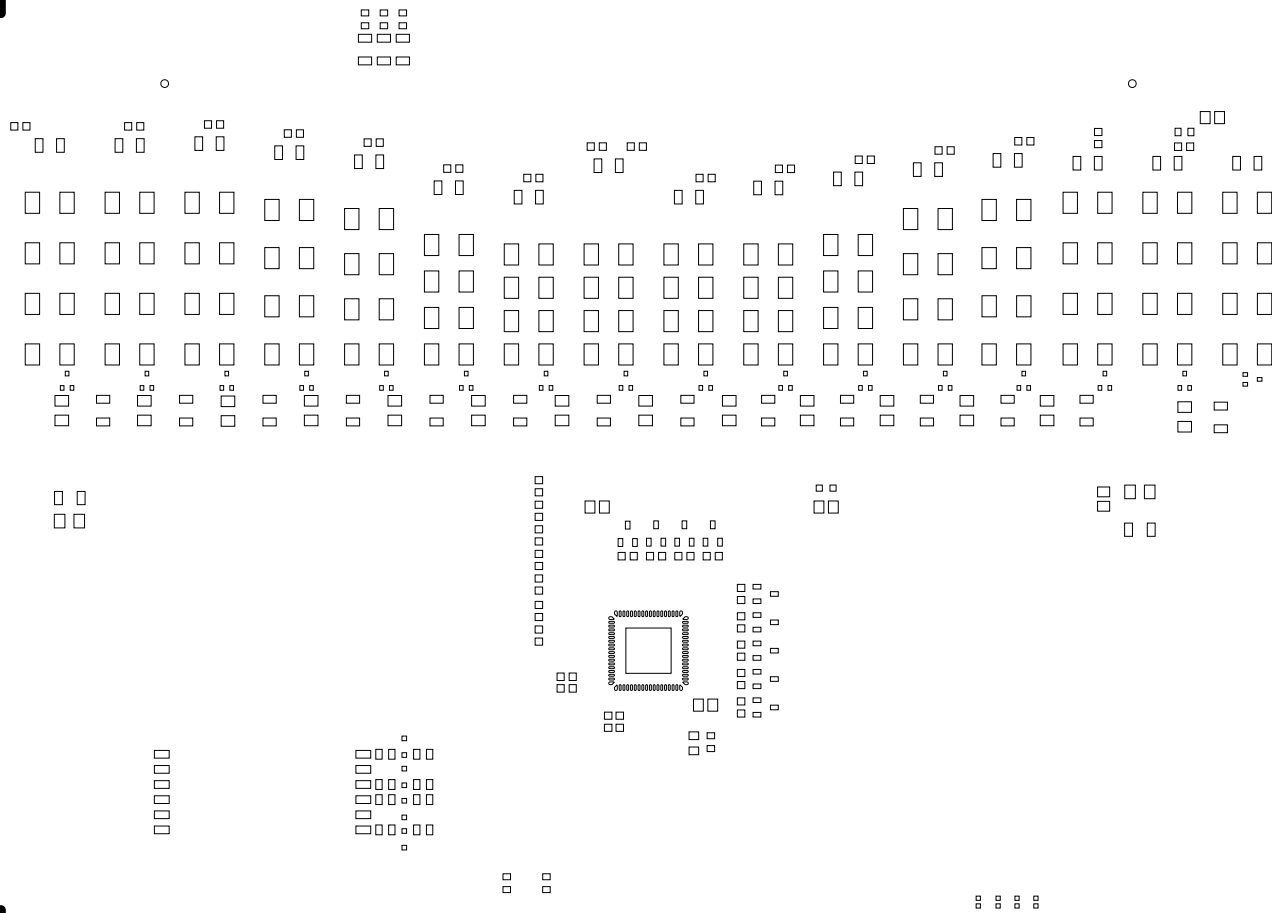
REV B



PASTEMASK PRIMARY

08-081290-09

REV B



PASTEMASK SECONDARY

08-081290-10

REV B

