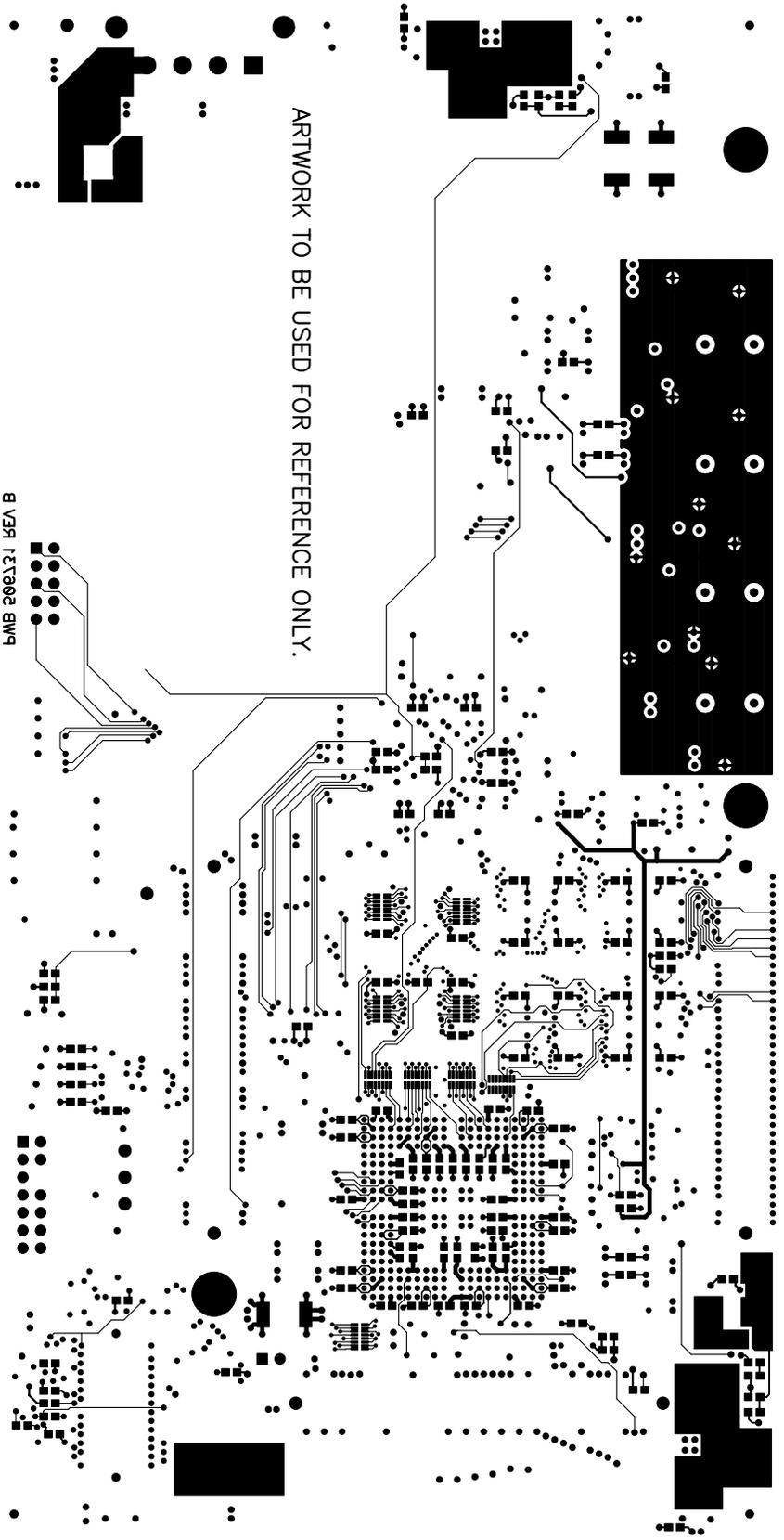


PWB 506731 REV B

S/N



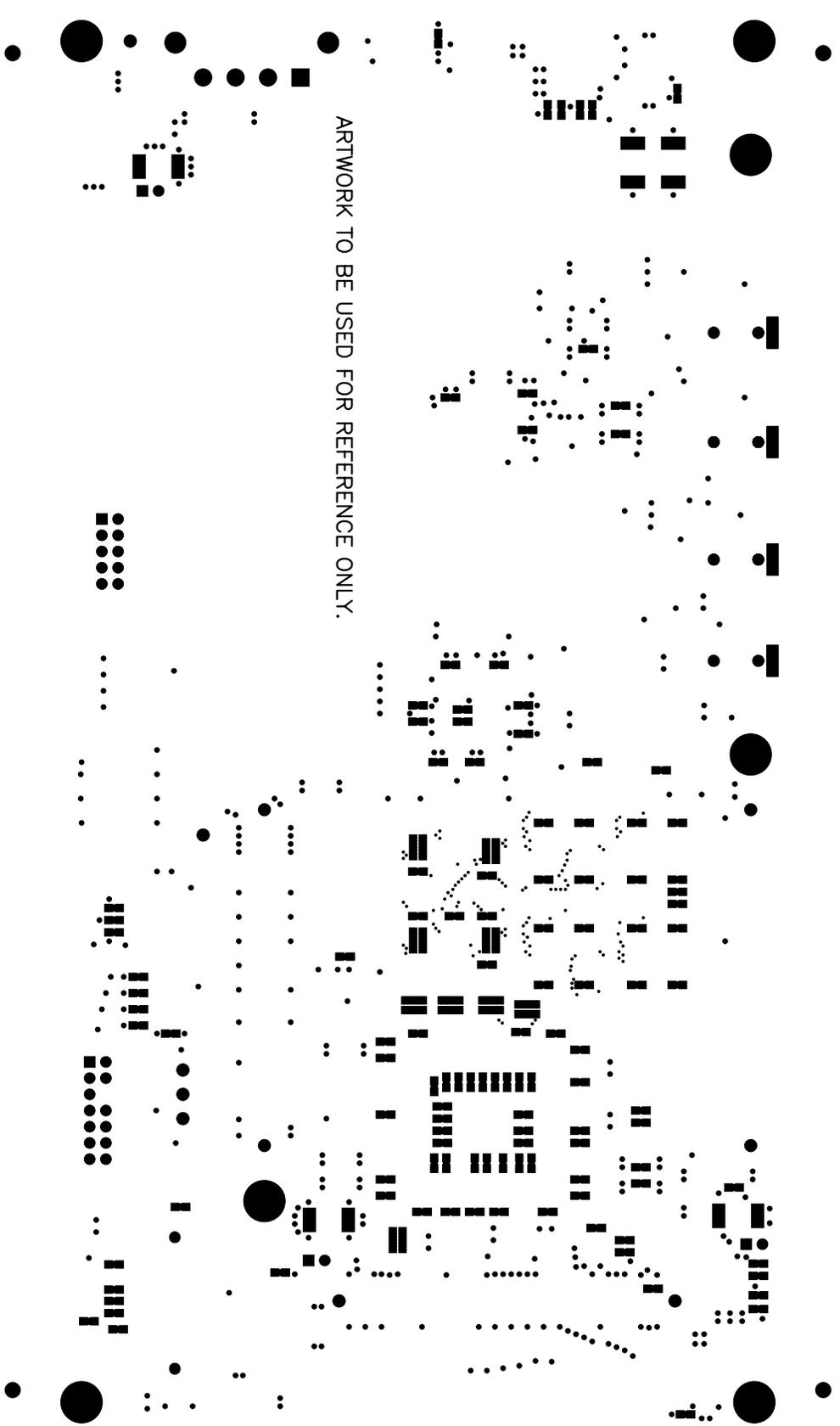
ARTWORK TO BE USED FOR REFERENCE ONLY.

B VAE9 13T902 BW94



PWB 506731 REV B
4-23-03
ØT 93YAJ - 3DI2 MOTTOB





ARTWORK TO BE USED FOR REFERENCE ONLY.

PWB 506731 REV B
4-23-03
BOTTOM SIDE SOLDERMASK

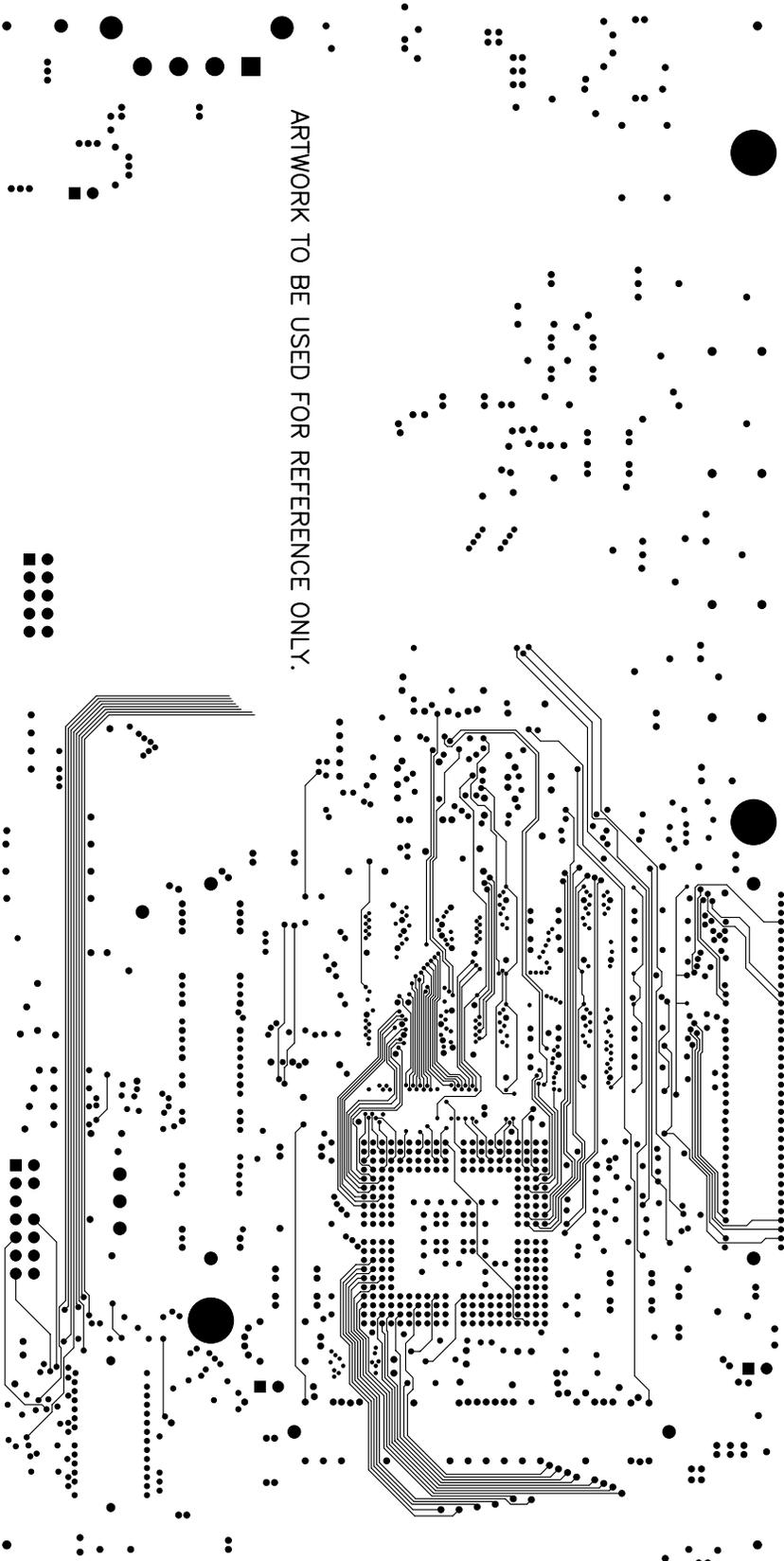




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PWB 506731 REV B
4-23-03
GND PLANE - LAYER 2 & 9

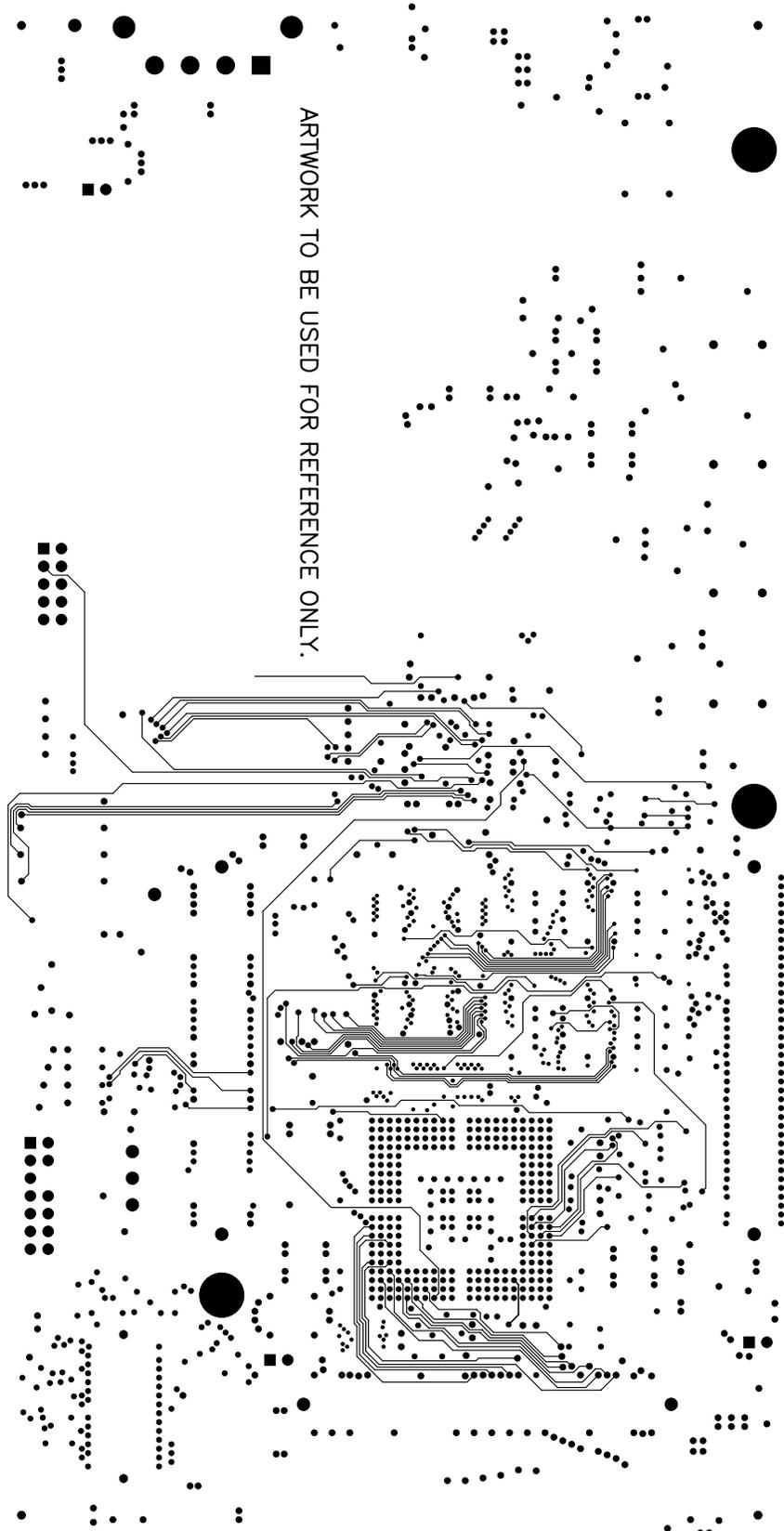




ARTWORK TO BE USED FOR REFERENCE ONLY.

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4-23-03
MID LAYER 1 - LAYER 3

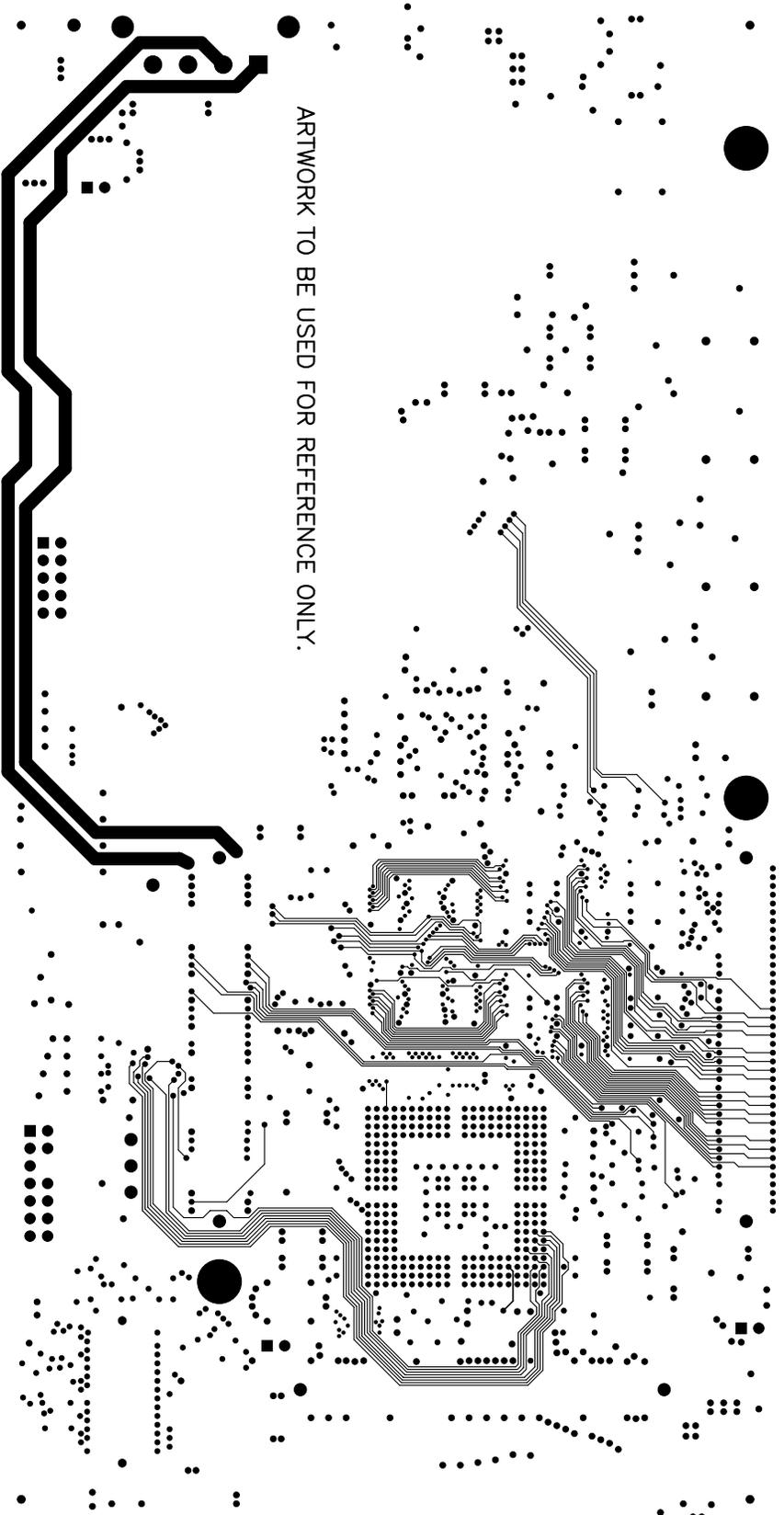




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PWB 506731 REV B
4-23-03
MID LAYER 2 - LAYER 5

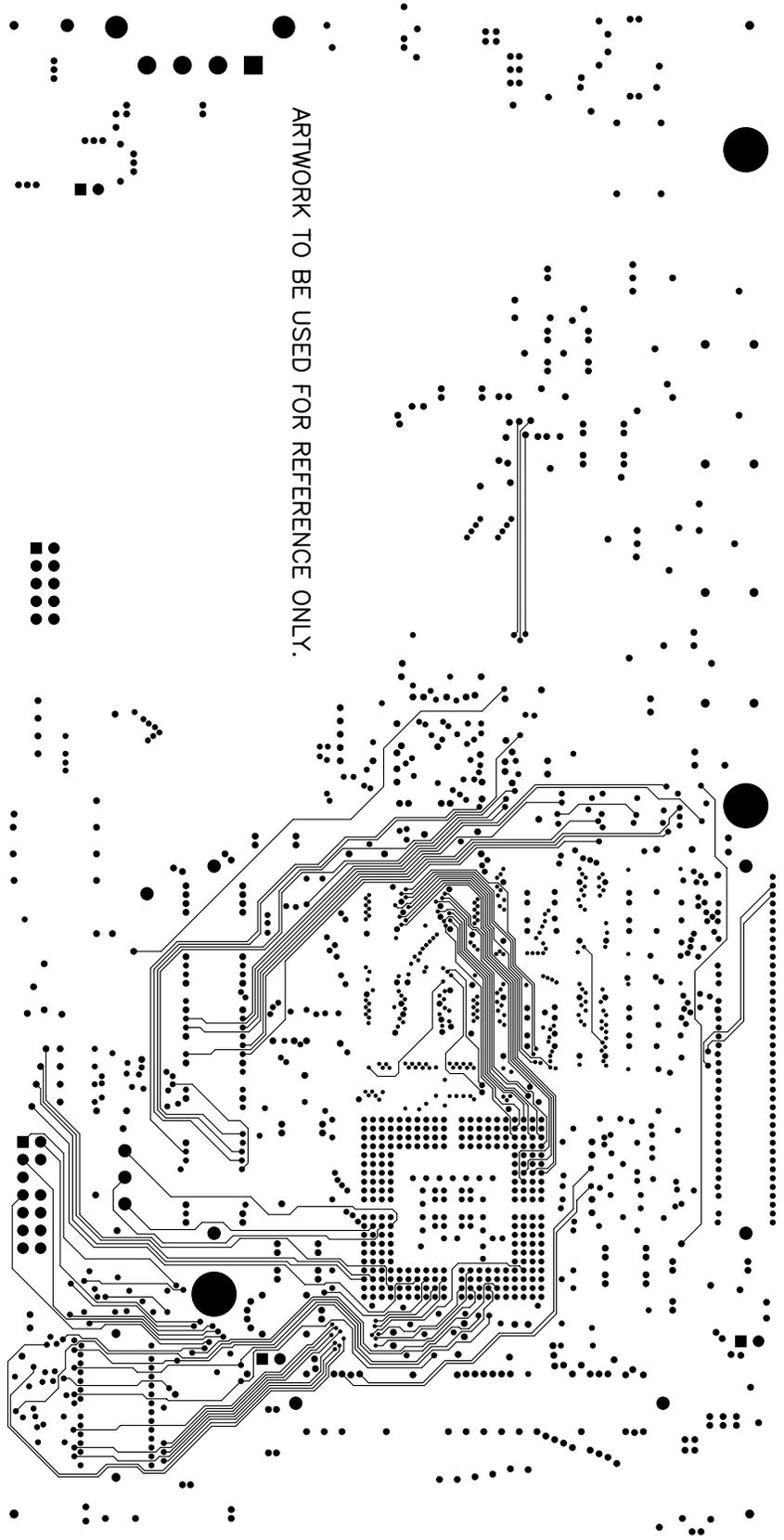




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PWB 506731 REV B
4-23-03
MID LAYER 3 - LAYER 6

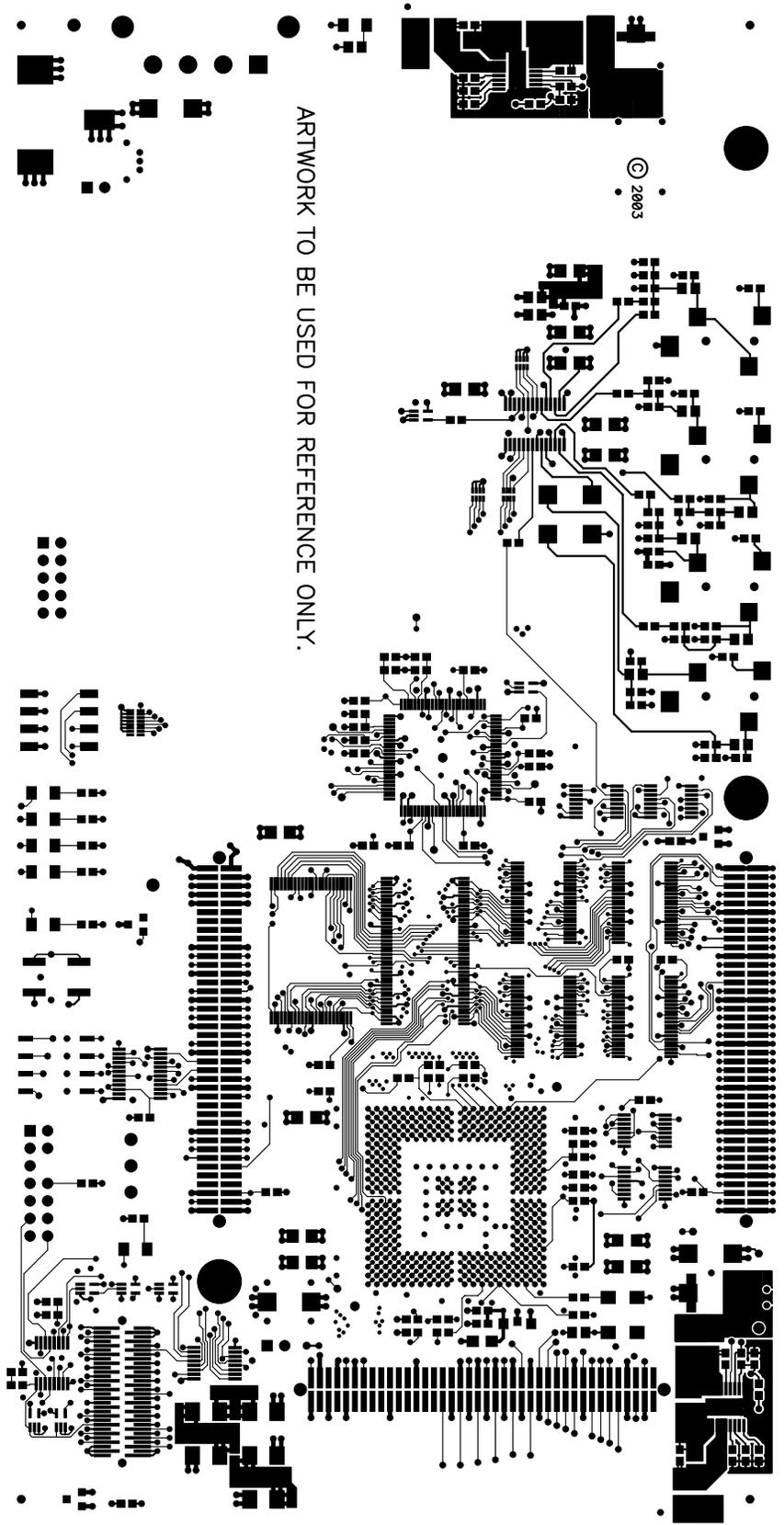




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4-23-03
MID LAYER 4 - LAYER 8



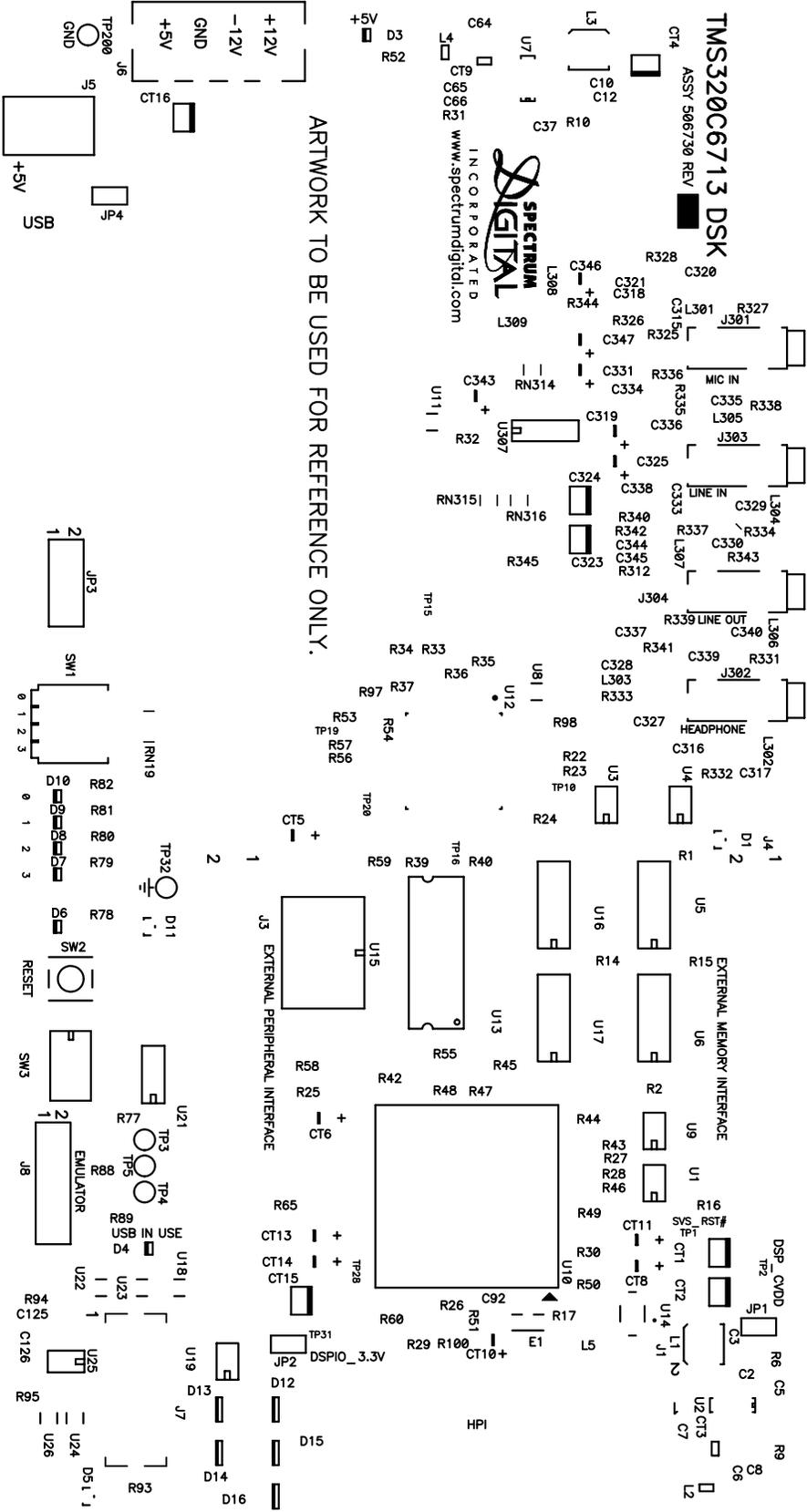


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PWB 506731 REV B
4-23-03
TOP SIDE - LAYER 1



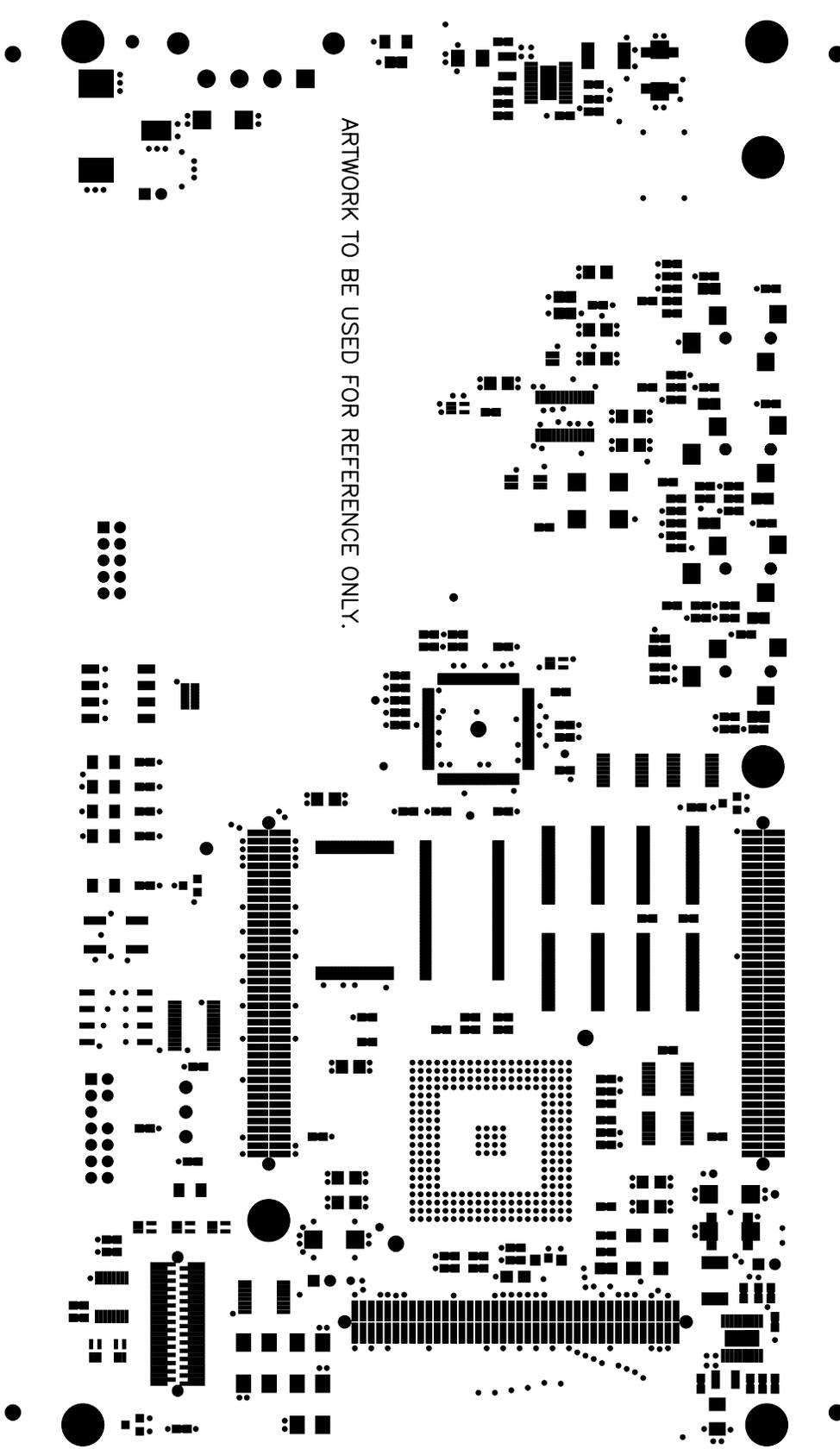


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 ASSY 506730 REV. B
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PWB 506731 REV B
 4-23-03
 TOP SIDE SILKSCREEN

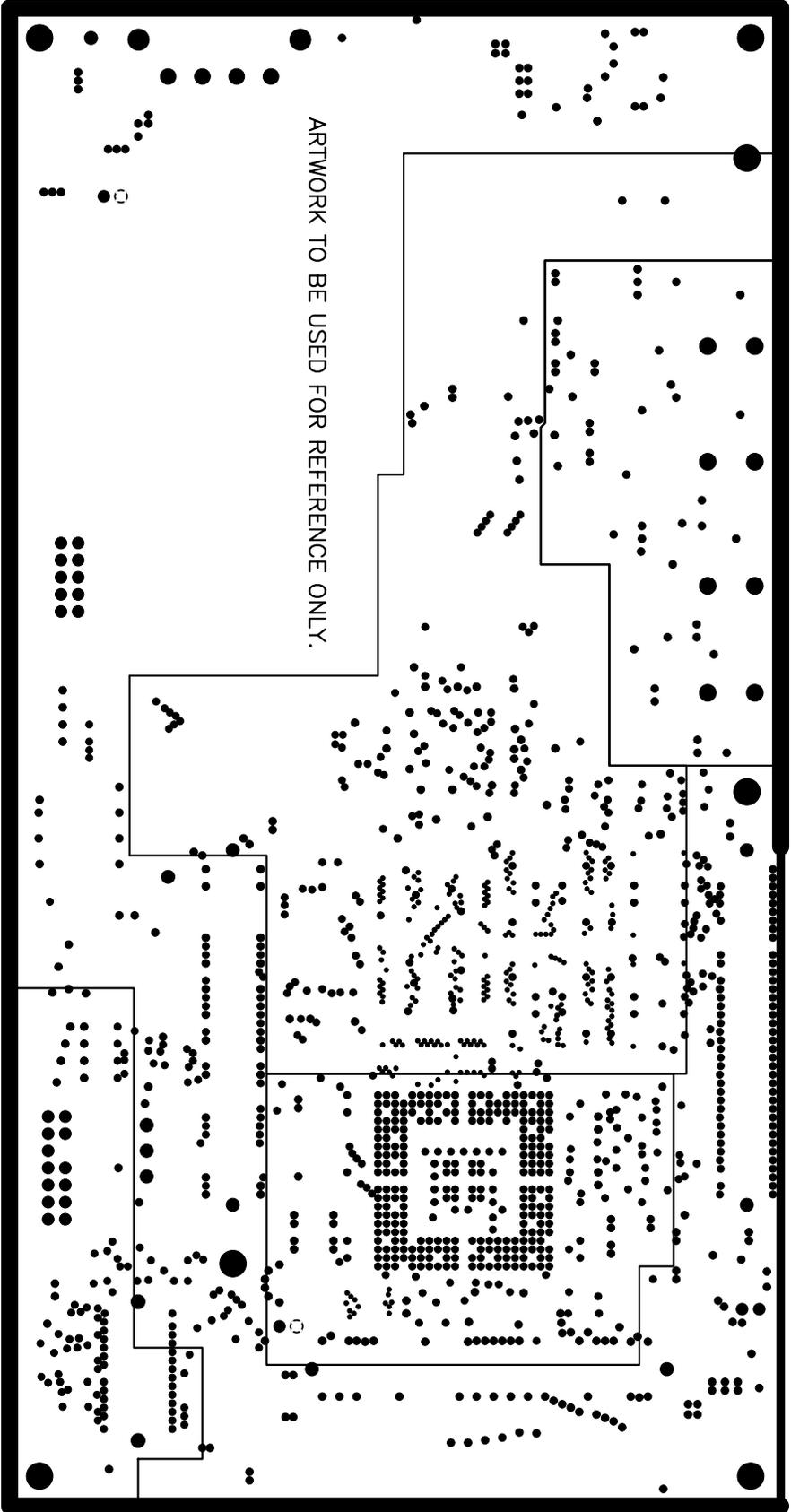




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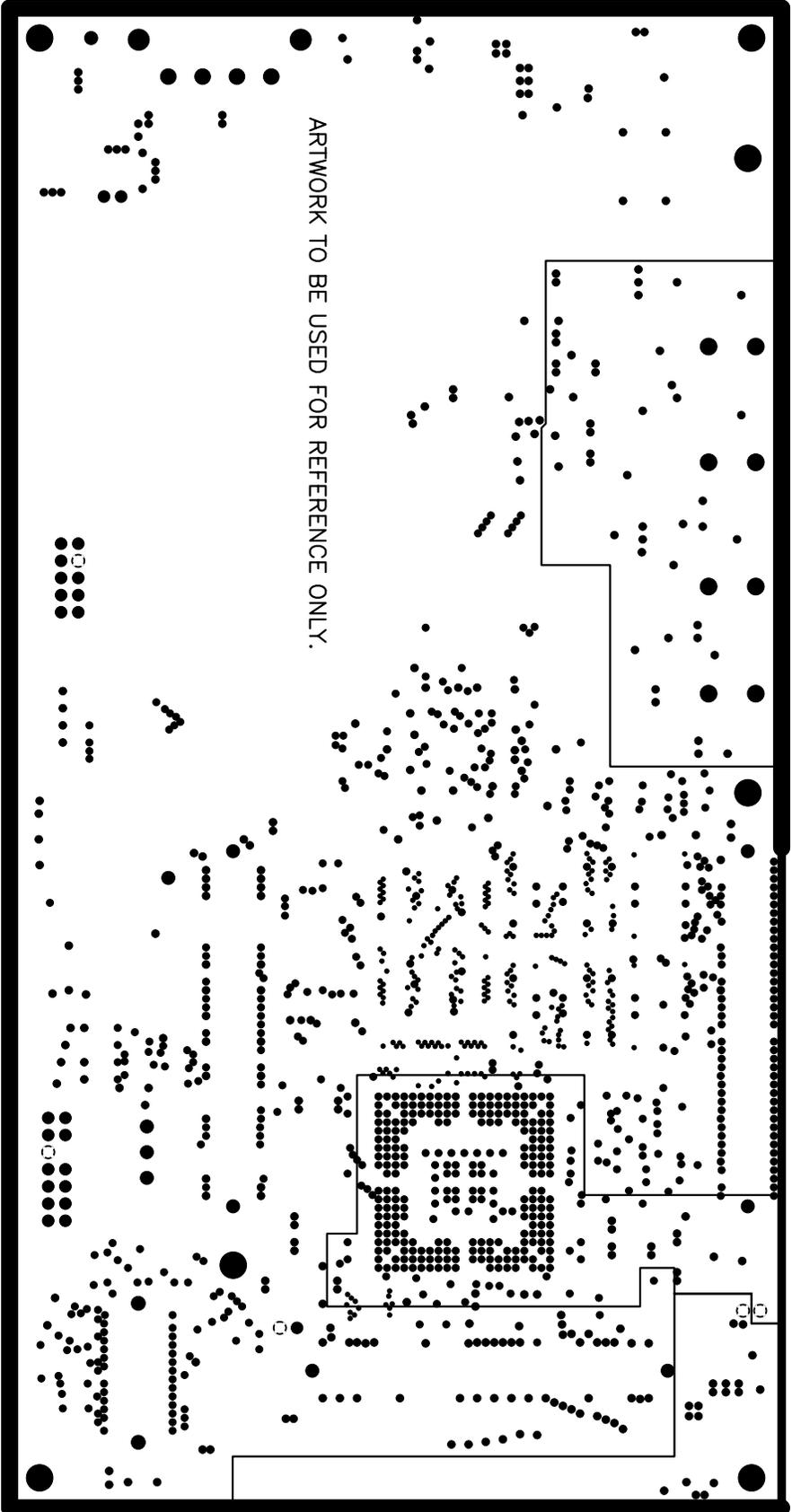
PWB 506731 REV B
4-23-03
TOP SIDE SOLDERMASK





PWB 506731 REV B
4-23-03
VCC PLANE 2 - LAYER 7





PWB 506731 REV B
4-23-03
VCC PLANE - LAYER 4



NOTES: UNLESS OTHERWISE SPECIFIED

- 1 MATERIAL: EPOXY GLASS LAMINATE, FR4.
- 2 THICKNESS: .062".
- 3 DIMENSIONS APPLY TO THE CENTER OF HOLES AND PADS.
- 4 ALL NON-DIMENSIONAL HOLES ARE ON .025 GRID INCREMENTS IN RELATION TO DATUM 0.
- 5 HOLES ARE TO BE LOCATED WITHIN .005 PAD TO BE POSITIONED DATUM 0 WHEN PINNED TO PLANE A.
- 6 MINIMUM COPPER WALL THICKNESS SHALL BE .001 FOR ALL PLATED THRU HOLES.
- 7 ALL ARTWORK VIEWED FROM COMPONENT SIDE.
- 8 HOLE DIAMETERS AND TOLERANCES SHOWN ARE AFTER PLATING.
- 9 MAXIMUM ALLOWABLE LINE REDUCTION DUE TO RN HOLES, NICKS AND LINE SHRINKAGE IS TO BE 20%.
- 10 INTERNAL AND EXTERNAL CORNERS TO BE .06 RADIUS MAX AT SHOP OPTION.
- 11 EDGE CONNECTIONS ARE TO BE ELECTROPLATED TO A MINIMUM THICKNESS OF .00025 GOLD OVER A MINIMUM THICKNESS OF .0001 NICKEL.
- 12 SOLDER MASK SHALL BE LIQUID PHOTODEVELOPABLE MATTE FINISH WITH A THICKNESS NOT TO EXCEED 1.5 MILS AND SHALL BE APPLIED TO BOTH SIDES OF BOARD OVER BARE COPPER PER IPC-SM-846, CLASS 2.
- 13 EXPOSED CONDUCTOR AREAS TO BE FINISHED WITH ELECTROLESS NICKEL, THICKNESS .000050 MINIMUM, PLUS IMMERSION GOLD, THICKNESS .000005 MINIMUM, SILKSCREEN BOTH SIDES WITH WHITE EPOXY BASED INK PER SILKSCREEN ARTWORK.
- 14 BOARD IS TO BE 100% ELECTRICALLY TESTED.
- 15 CONTROLLED IMPEDANCE OF 55 OHMS +5/-5 OHMS TO BE MATCHED ON ALL SIGNAL LAYERS.

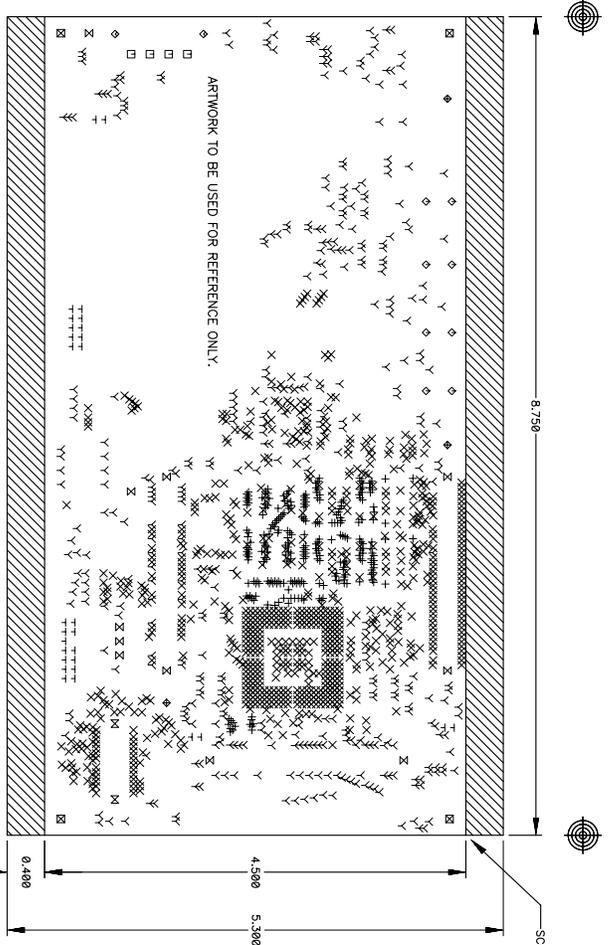


TABLE OF LAYERS

NO.	DESCRIPTION	COPPER WT.
11	TOP SIDE	1/2 OZ
12	GNL PLANE	1.0Z
13	MID LAYER 1	1.0Z
14	VCS PLANE	1.0Z
15	MID LAYER 2	1.0Z
16	MID LAYER 3	1.0Z
17	VCS PLANE 2	1.0Z
18	MID LAYER 4	1.0Z
19	GNL PLANE	1.0Z
110	BOTTOM SIDE	1/2 OZ

Drill Table

Hole Dia (inch)	Symbol	Quantity	Plated
0.008	+	249	Yes
0.012	X	847	Yes
0.015	Y	404	Yes
0.038	T	29	Yes
0.047	X	11	Yes
0.052	M	2	No
0.062	D	2	Yes
0.068	◇	8	No
0.093	◇	2	Yes
0.125	◇	3	Yes
0.125	⊗	4	No

PWB 506731 REV B
4-23-03
FAB DRAWING

- UNLESS OTHERWISE SPECIFIED
- DIMENSIONS ARE IN INCHES
 - ANGLES ±.1°
 - TOLERANCES: 2 PLACE DECIMALS +/- .02
 - REMOVE ALL BURRS AND SHARP EDGES
 - CONCENTRIC MACHINED DIAMETERS TO 10 RIM
 - DIMENSIONAL LIMITS APPLY AFTER PROCESSES

HOLE DIAMETER TOLERANCE

SIZE	THRU	THRU	THRU
0.13	+ .004	+ .003	+ .006
0.125	+ .001	+ .001	+ .001
0.081	+ .006	+ .010	+ .012
0.075	- .001	- .001	- .001

DWG	TONY KRAUSKOPF	DATE	4-23-03
CHK			
ENGR-DSSN	TONY COOMES		4-23-03
ENGR-MGR			
QA			
MFG			
RISE			

SPECTRUM DIGITAL
INCORPORATED

PWB, TWS320C6713 DSK

SIZE	DRAWING NO	REV
C	506731	B
SCALE	NONE	
		SHEET 1 OF 1