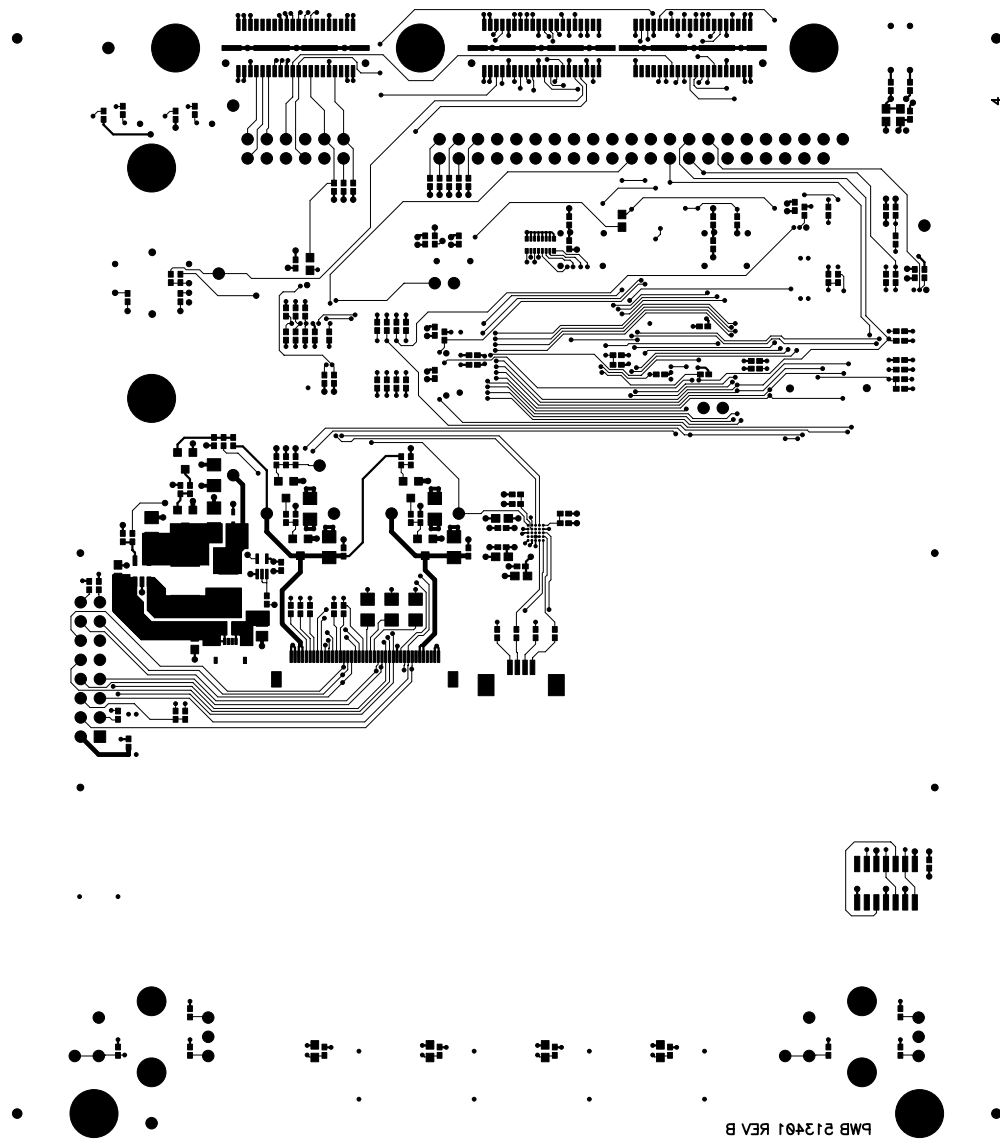


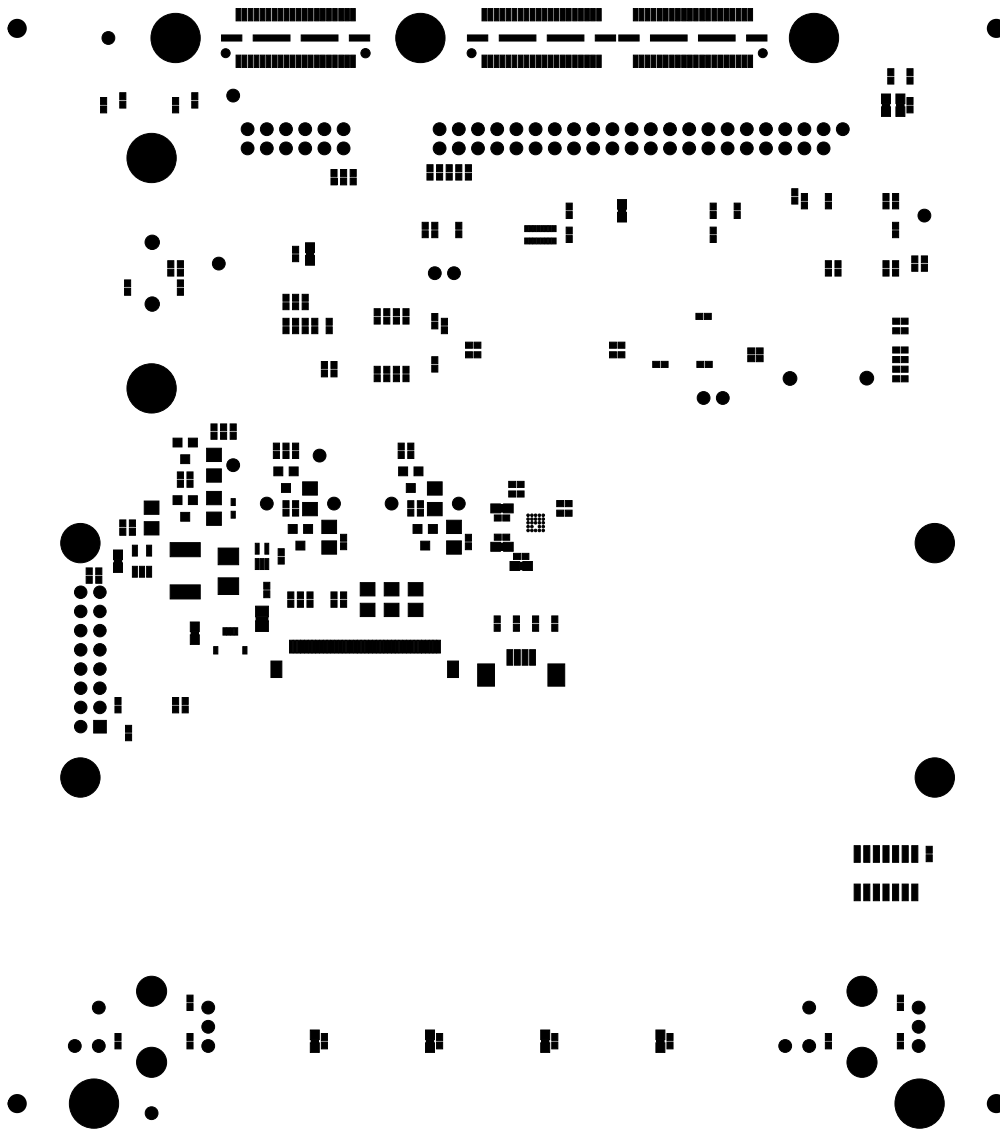
PWB 513401 REV B

S/N [REDACTED]

ASSY 513400 REV [REDACTED]

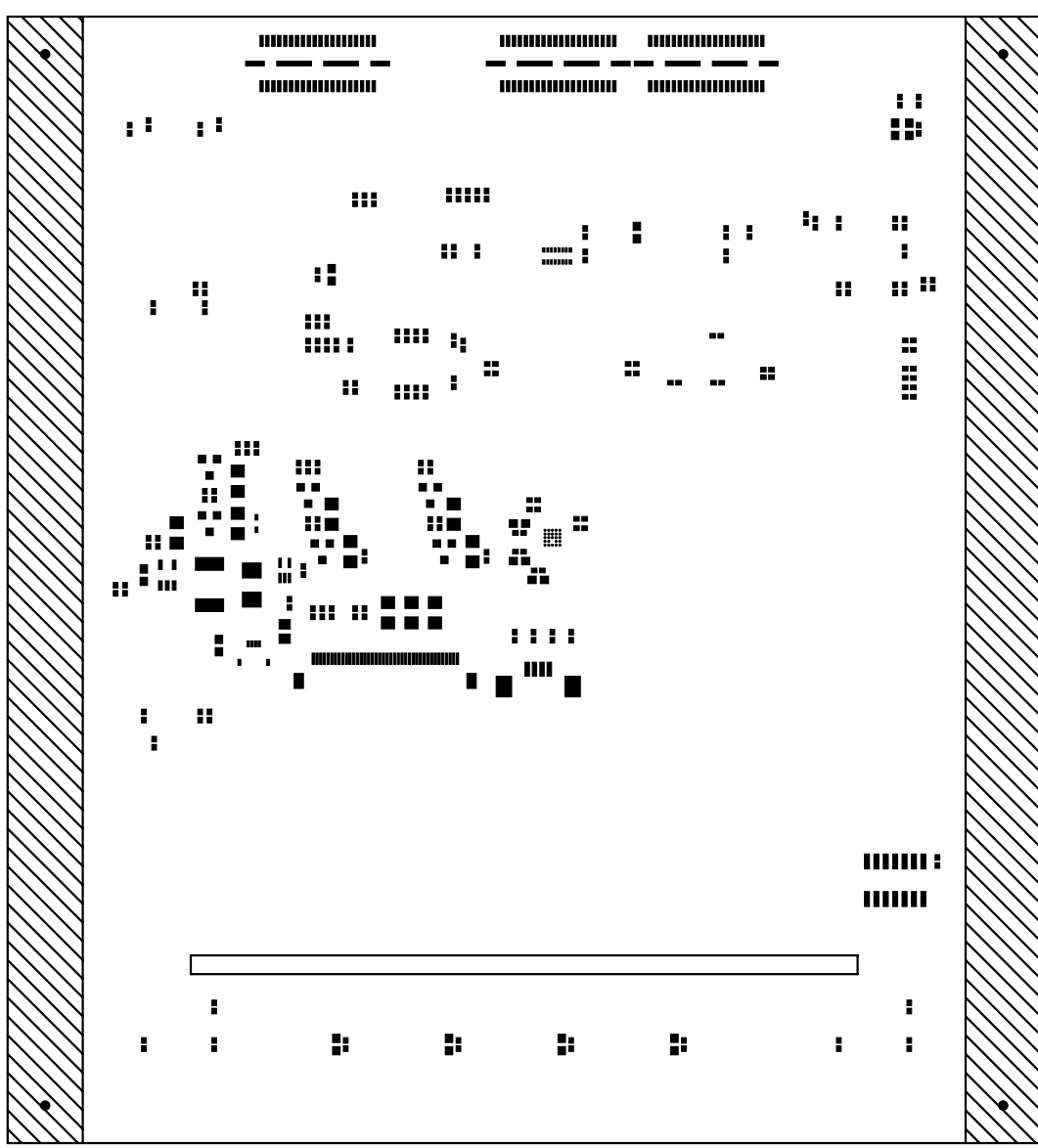


PWB 513401 REV B
2-23-10
BOTTOM SIDE - LAYER 4

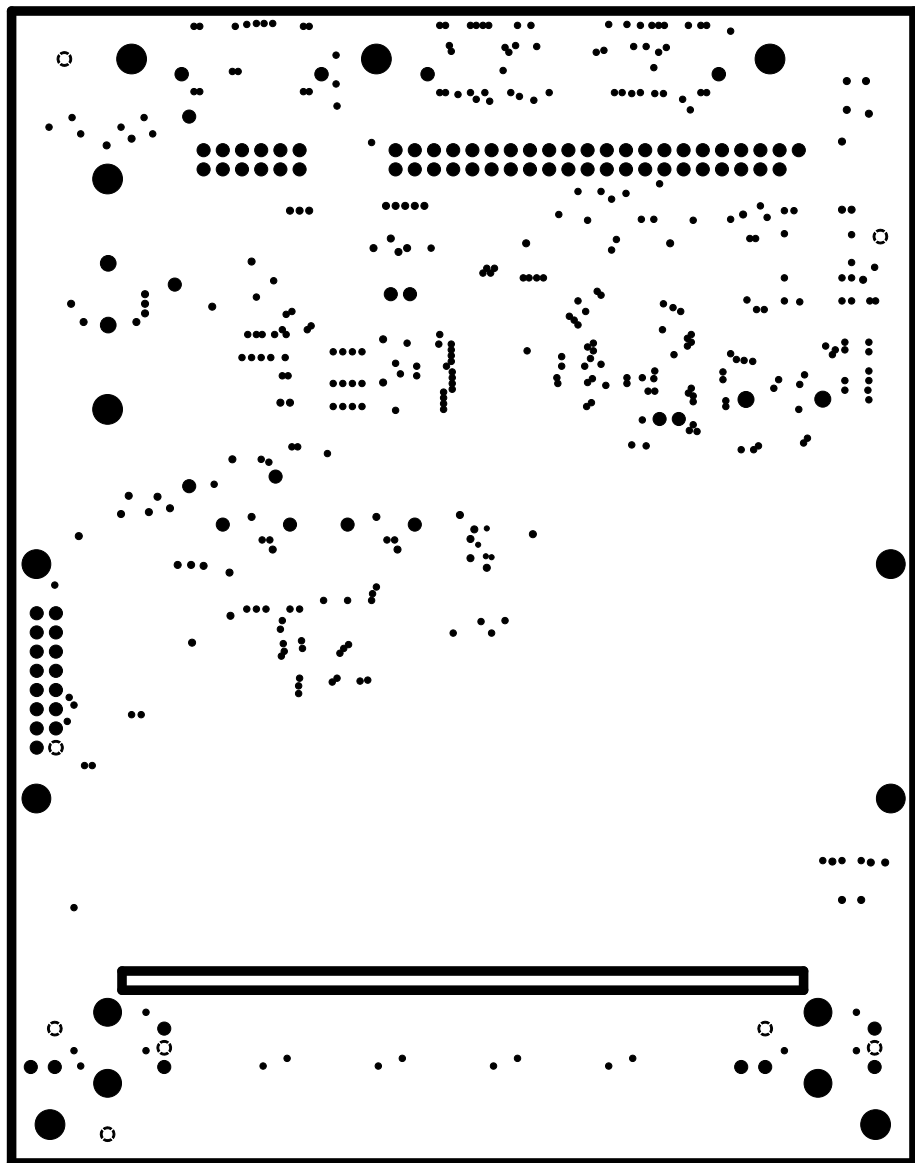


PWB 513401 REV B
2-23-10
BOTTOM SIDE SOLDERMASK

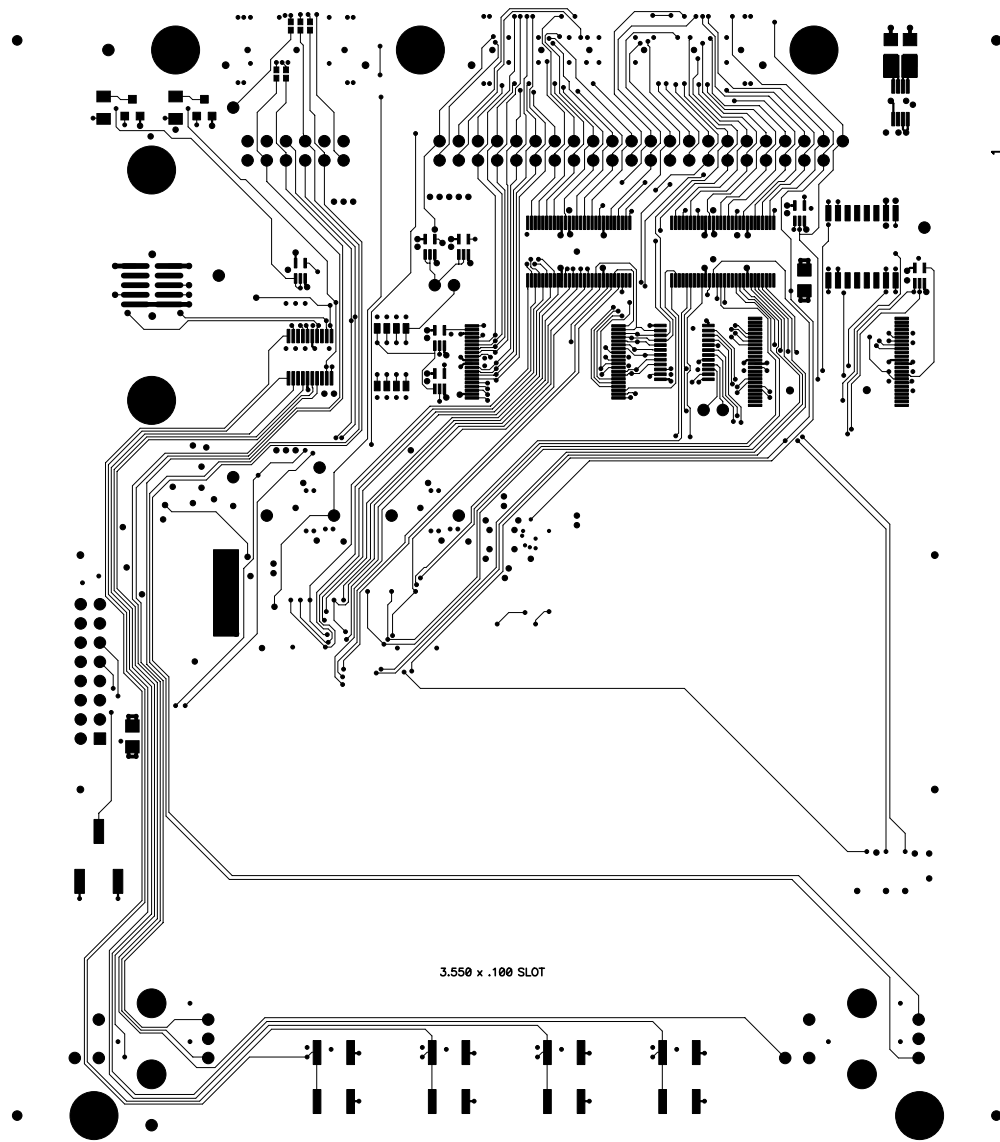
ОБЪЕКТОВ ЭДЖЕ
↑
LEADING EDGE
↑
ЗОНЕЕЕЕЕЕ СИДЕ



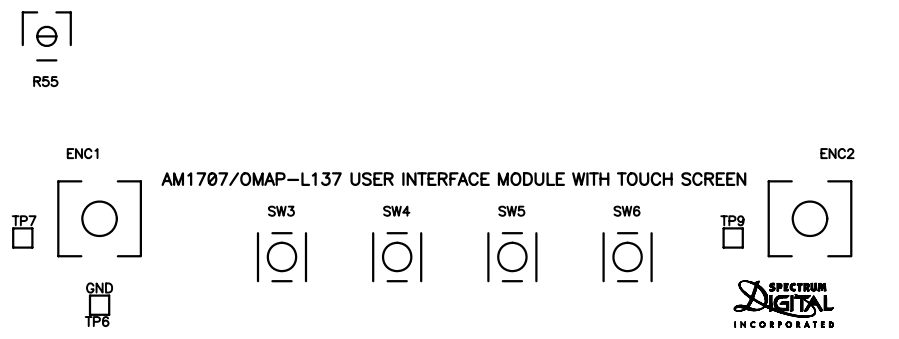
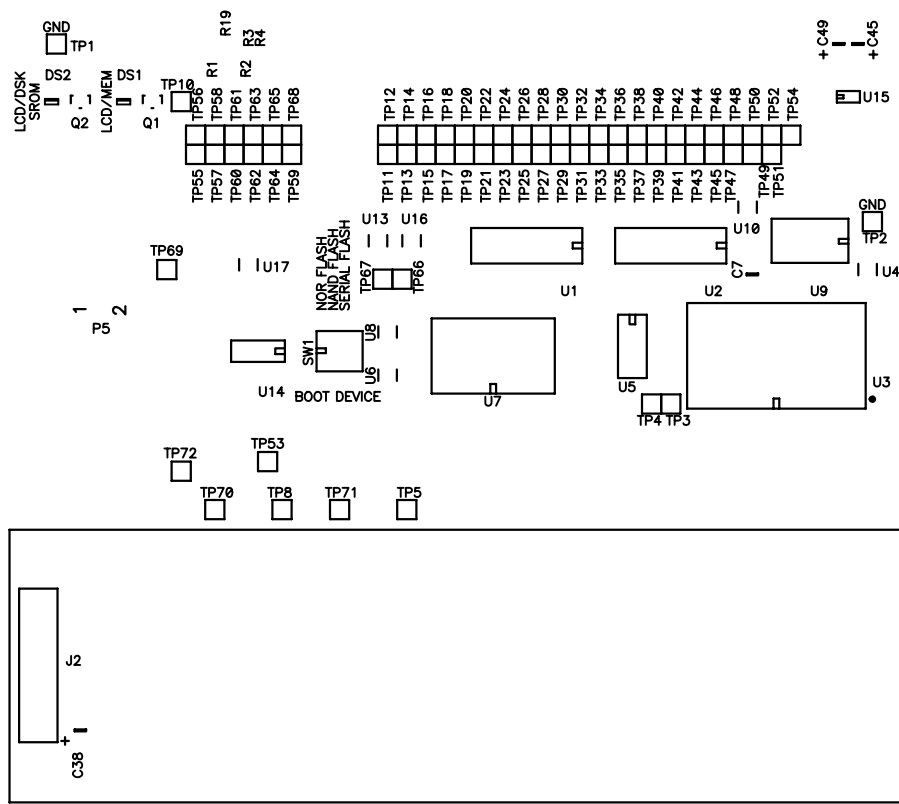
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2-23-10
BOTTOM SIDE SOLDERPASTE



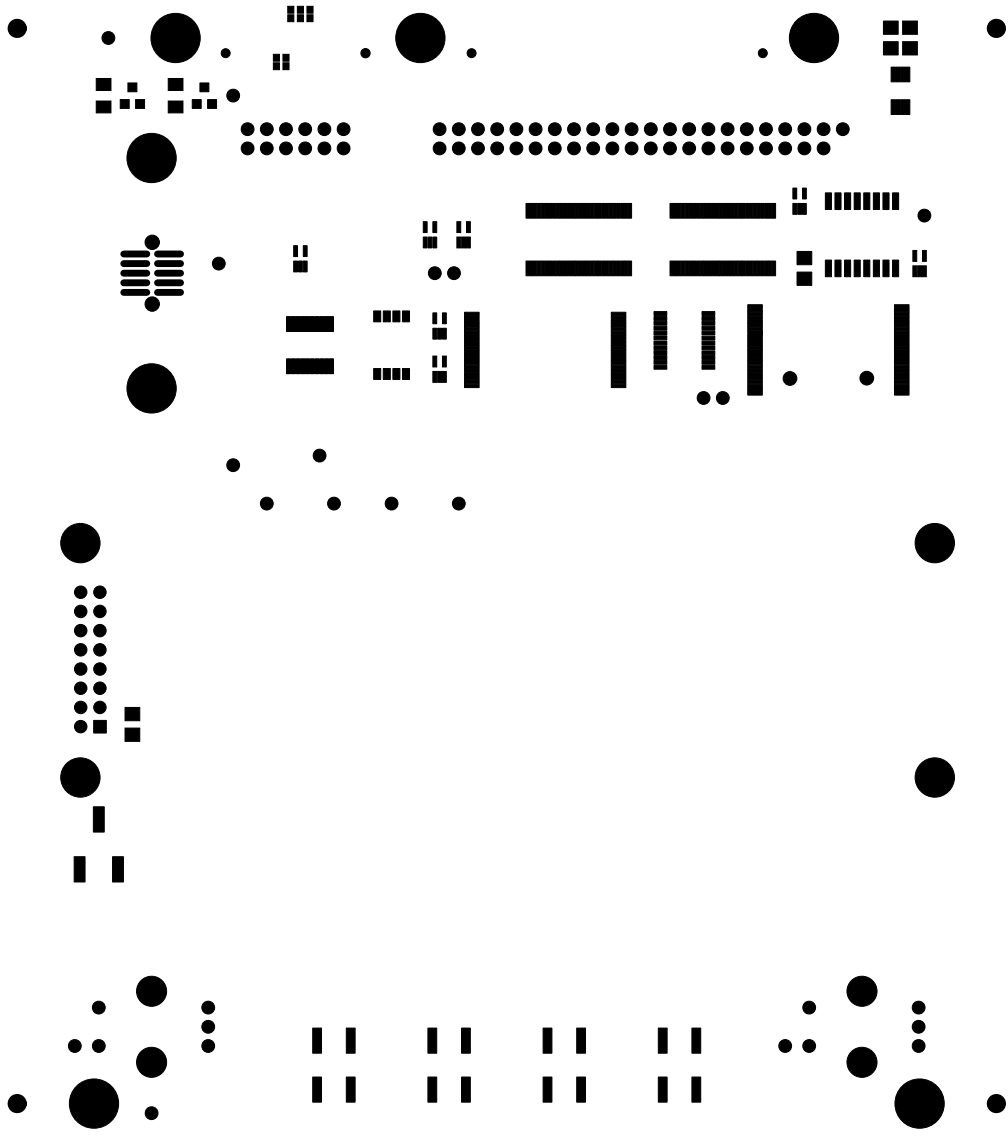
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2-23-10
GND PLANE - LAYER 2



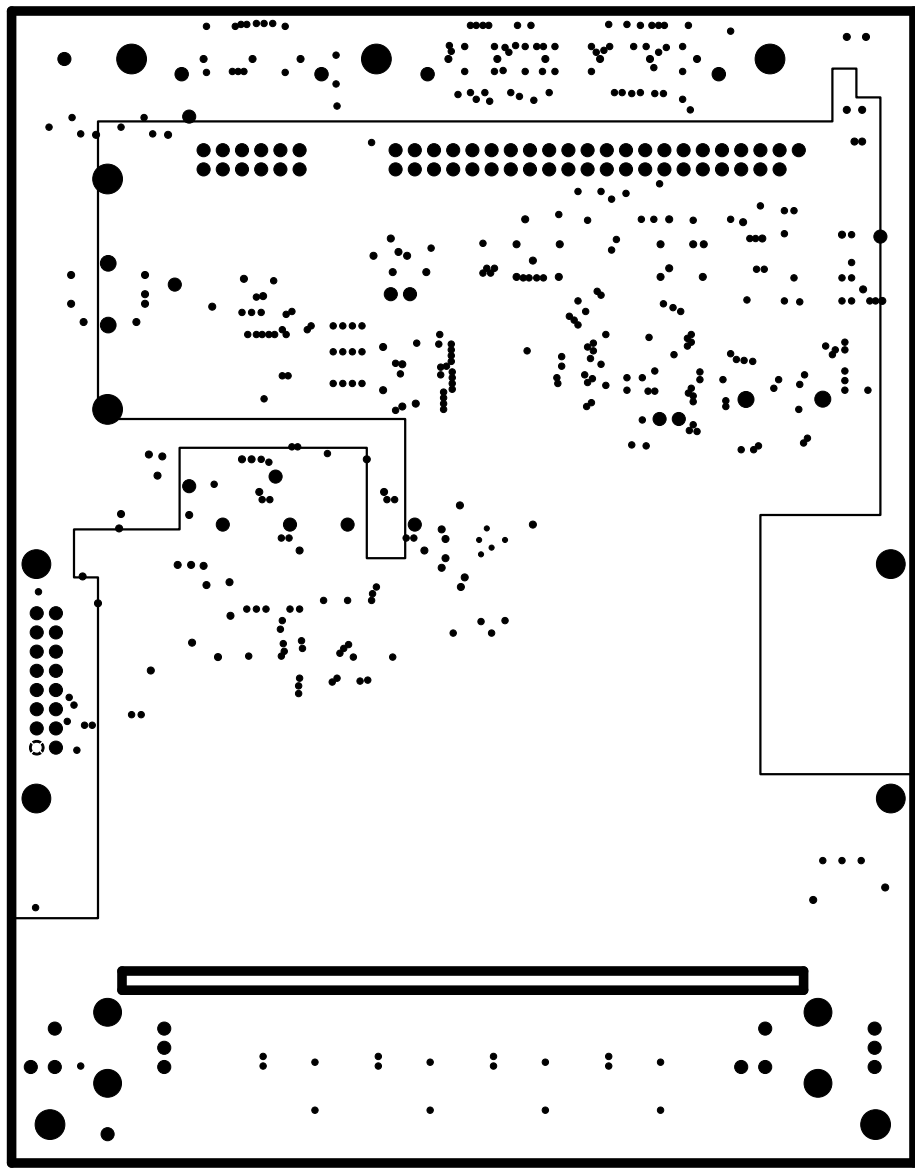
PWB 513401 REV B
2-23-10
TOP SIDE - LAYER 1



PWB 513401 REV B
 2-23-10
 TOP SIDE SILKSCREEN



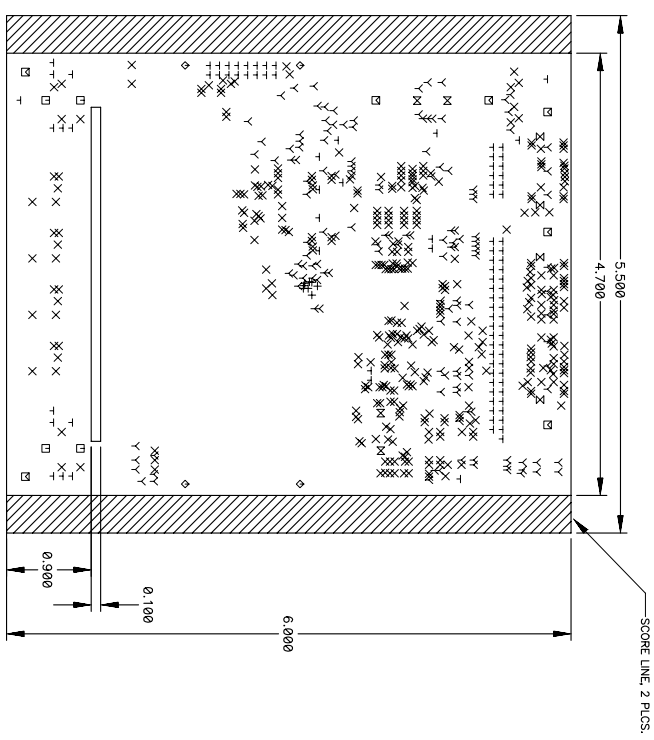
PWB 513401 REV B
2-23-10
TOP SIDE SOLDERMASK



PWB 513401 REV B
2-23-10
VCC PLANE - LAYER 3

NOTES: UNLESS OTHERWISE SPECIFIED

- 1 MATERIAL: HIGH TEMP FR4 (TG>=170). THICKNESS: .062 ;
- 2 DIMENSIONS APPLY TO THE CENTER OF HOLES AND PADS.
- 3 MINIMUM COPPER WALL THICKNESS SHALL BE .001 FOR ALL PLATED THRU HOLES.
- 4 ALL ARTWORK VIEWED FROM COMPONENT SIDE ARE AFTER PLATING.
- 5 MAXIMUM ALLOWABLE LINE REDUCTION DUE TO PIN HOLES, NICKS AND LINE SHRINKAGE IS TO BE 20%.
- 6
- 7 INTERNAL AND EXTERNAL CORNERS TO BE .50 RADIUS MAX AT SHOP OPTION.
- 8 EDGE CONNECTOR TABS ARE TO BE ELECTROPLATED TO A MINIMUM THICKNESS OF .0005 GOLD OVER A MINIMUM THICKNESS OF .001 NICKEL.
- 9 SOLDER MASK SHALL BE LIQUID PHOTOIMAGEABLE 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-840, CLASS 2.
- 10 SOLDER MASK COLOR: GREEN.
- 11 EXPOSED CONDUCTOR AREAS TO BE FINISHED WITH ELECTROLESS NICKEL THICKNESS .000250 MINIMUM PLUS IMMERSION GOLD THICKNESS .000203 MINIMUM.
- 12 SILKSCREEN WITH WHITE EPOXY BASED INK PER SILKSCREEN ARTWORK.
- 13 BOARD IS TO BE 100% ELECTRICALLY TESTED.
- 14 CONTROLLED IMPEDANCE OF 55 OHMS +/- 10 OHMS TO BE MATCHED ON ALL SIGNAL LAYERS ON 5 MIL TRACES.



Drill Table

Hole Dia (inch)	Symbol	Quantity	Plated
0.008	+	8	Yes
0.010	X	394	Yes
0.012	Y	140	Yes
0.038	T	98	Yes
0.041	Z	4	No
0.053	M	4	No
0.115	D	4	Yes
0.120	Φ	4	No
0.125	⊠	7	Yes

TABLE OF LAYERS

NO.	DESCRIPTION	COPPER WT.
1.1	TOP SIDE	1/2 OZ
1.2	GND PLANE	1.0Z
1.3	VCC PLANE	1.0Z
1.4	BOTTOM SIDE	1/2 OZ

PWB 513401 REV B
Z-23-10
FAB DRAWING

UNLESS OTHERWISE SPECIFIED

- DIMENSIONS ARE IN INCHES
- TOLERANCES: ANGLES +/- .1°
- HOLE DIAMETER TOLERANCE UNLESS OTHERWISE NOTED IN DRILL TABLE
- ALL NON-PLATED HOLES +/- .003

DWG: OM KRAUSKOPF	DATE: 2-23-10	<p>SPECTRUM DIGITAL INCORPORATED</p>
ENG: RON PETERSON	2-23-10	
ENG: MGR		
QA		
MFG		<p>PWB,AM1707 USER I/F BOARD</p>
SIZE: DRAWING NO: 513401	REV: B	
SCALE: NONE	SHEET: 1 OF 1	