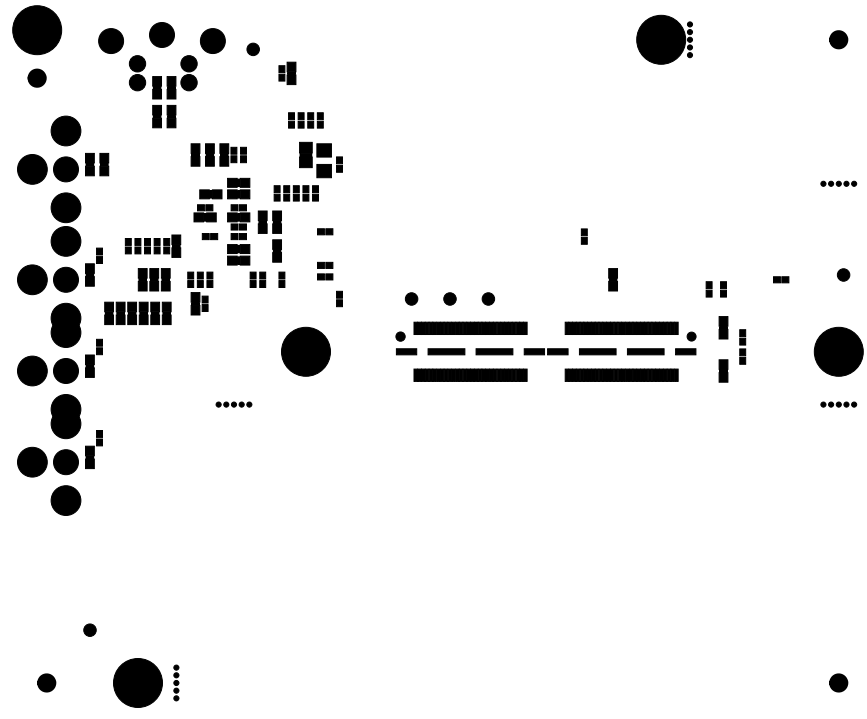
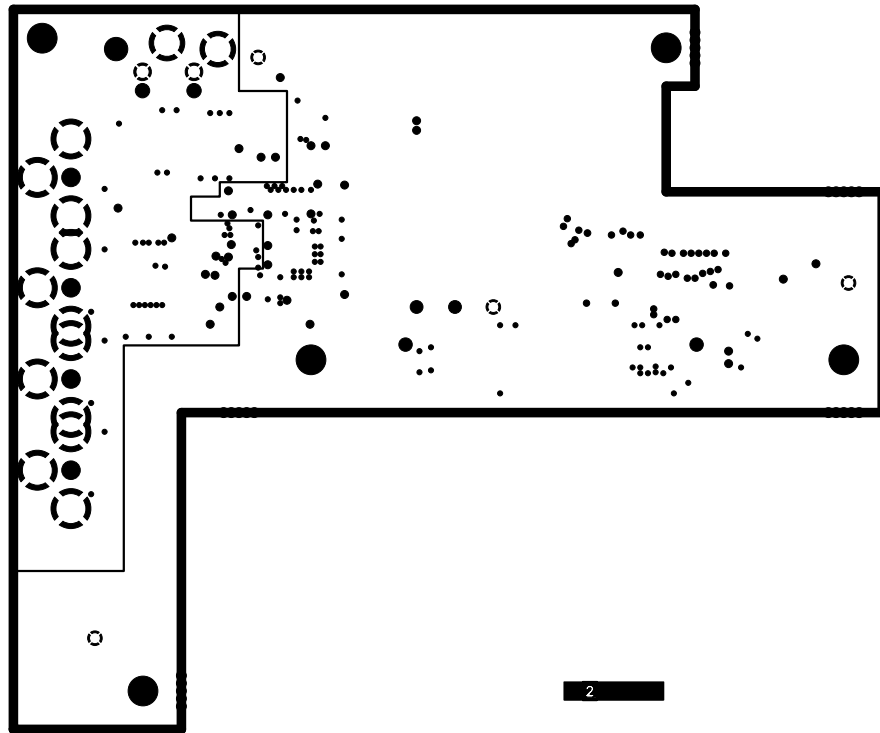


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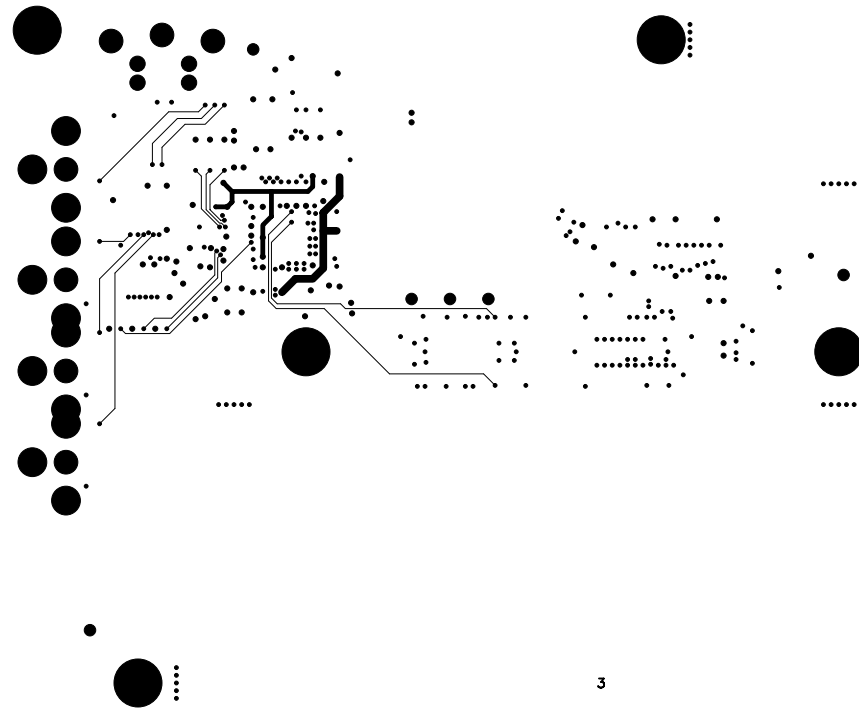
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10-27-09
BOTTOM SIDE - LAYER 8



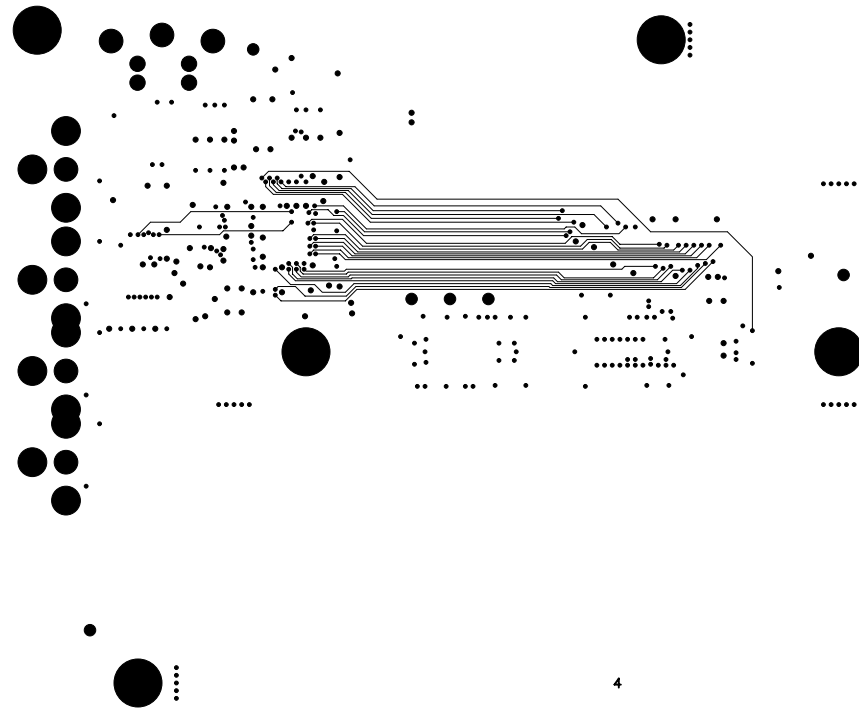
PWB 512081 REV B
10-27-09
BOTTOM SIDE SOLDERMASK



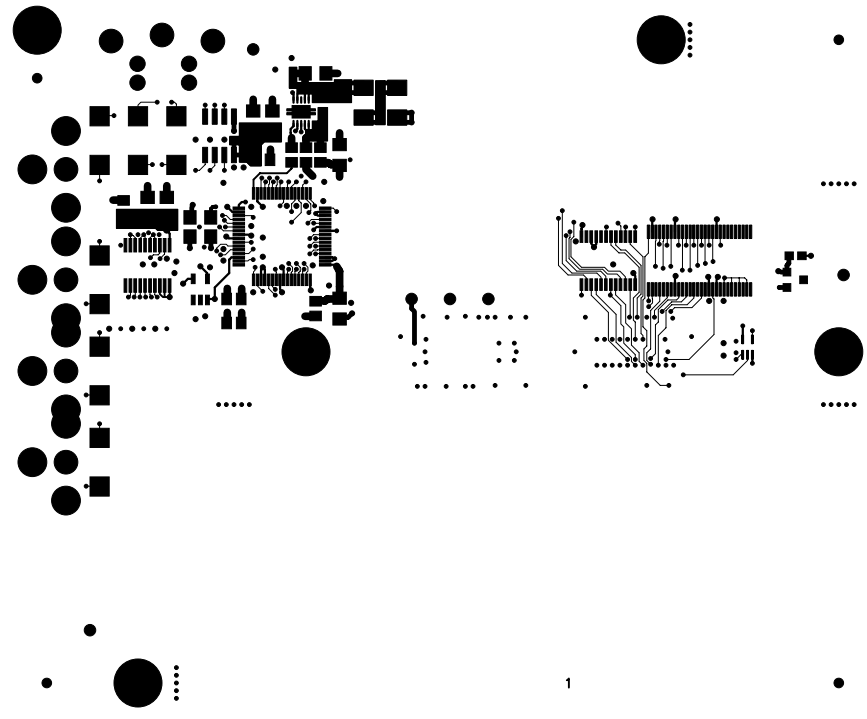
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10-27-09
GND PLANE - LAYER 2



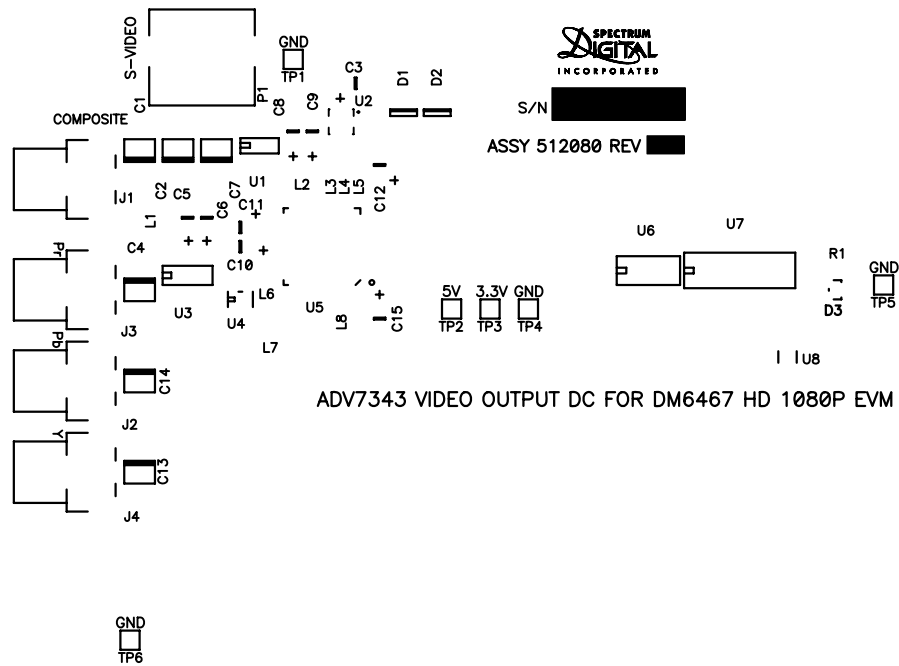
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10-27-09
MID LAYER 1 - LAYER 3



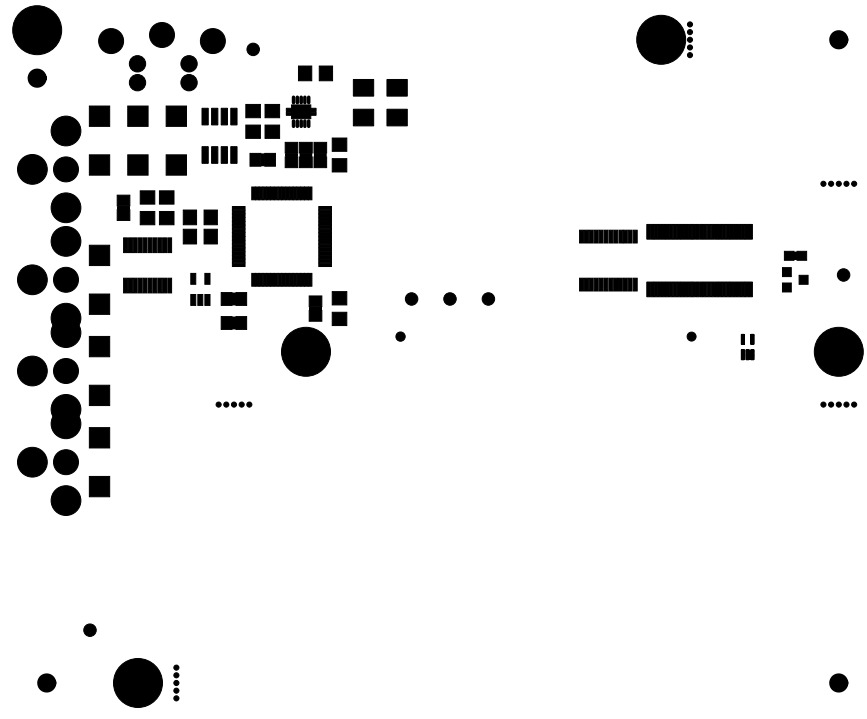
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10-27-09
MID LAYER 2 - LAYER 4



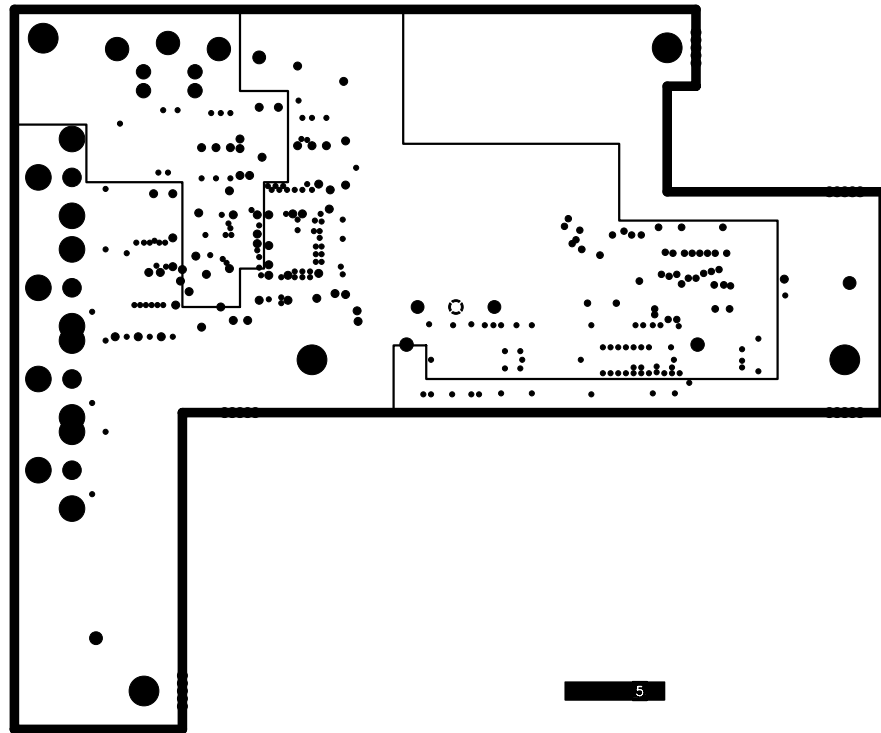
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TOP SIDE - LAYER 1



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 TOP SIDE SILKSCREEN



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10-27-09
TOP SIDE SOLDERMASK



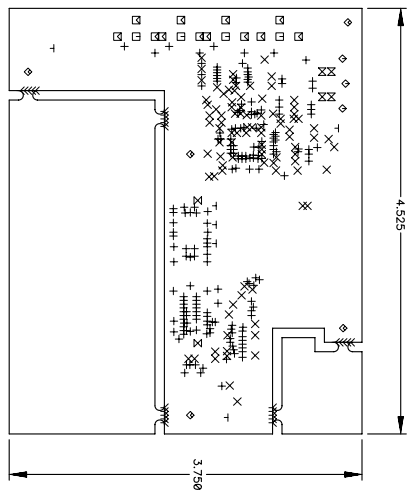
5

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10-27-09
VCC PLANE - LAYER 5

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 REDUCTIONS DUE TO PIN HOLES, NICKS AND LINE SHRINKAGE IS TO BE 20%.
- 6
- 7 INTERNAL AND EXTERNAL CORNERS TO BE .06 RADIUS MAX AT SHIP OPTION.
- 8 EDGE CONNECTION TABS ARE TO BE ELECTROPLATED TO A MINIMUM THICKNESS OF .0005 GOLD OVER A MINIMUM THICKNESS OF .0001 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 .000050 MINIMUM, PLUS IMMERSION GOLD, THICKNESS .000005 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 WATCHED ON ALL SIGNAL LAYERS ON 5 MIL TRACES.



PWB 512081 REV B
10-27-09
FAB DRAWING

TABLE OF LAYERS	
NO.	DESCRIPTION
1	TOP SIDE
2	BOTTOM SIDE
3	INNER LAYER 1
4	INNER LAYER 2
5	VCC PLANE
6	BOTTOM SIDE

Drill Table			
Hole Dia (inch)	Symbol	Quantity	Plated
0.010	+	196	Yes
0.012	X	92	Yes
0.022	Y	25	No
0.038	T	6	Yes
0.041	X	2	Yes
0.046	M	4	Yes
0.068	M	3	Yes
0.093	◇	3	Yes
0.104	◇	12	Yes
0.125	◇	5	Yes

UNLESS OTHERWISE SPECIFIED

- DIMENSIONS ARE IN INCHES
- TOLERANCES: ANGLES +/- .1°
- HOLE DIAMETER TOLERANCE
- REMOVE ALL BURRS AND SHARP EDGES
- CONCENTRIC MACHINED DIAMETERS 20/10 R/M
- DIMENSIONAL LIMITS APPLY AFTER PROCESSES

SIZE	DRAWING NO	REV
C	512081	B

DMN	OM KRAUSKOPF	DATE	10-27-09
ENGR-DSSN	RON PETERSON		10-27-09
ENGR-MGR			
QA			
MFG			

SPECTRUM DIGITAL
INCORPORATED

PWB ADV7343 DAUGHTER CARD FOR
DM6467 HD 1080P

SCALE NONE

SHEET 1 OF 1