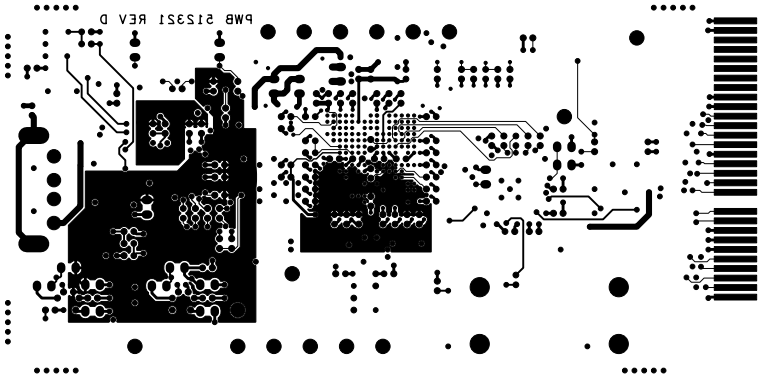
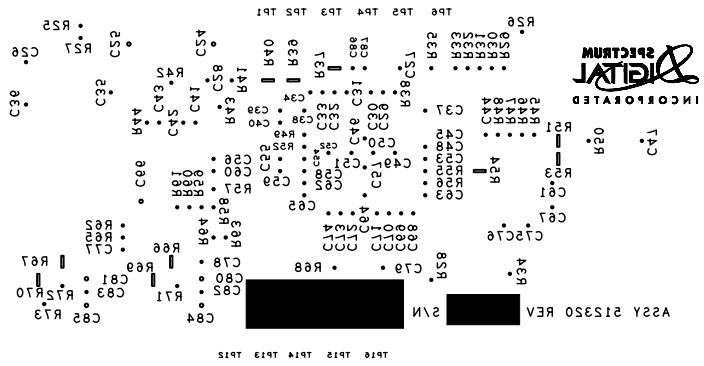
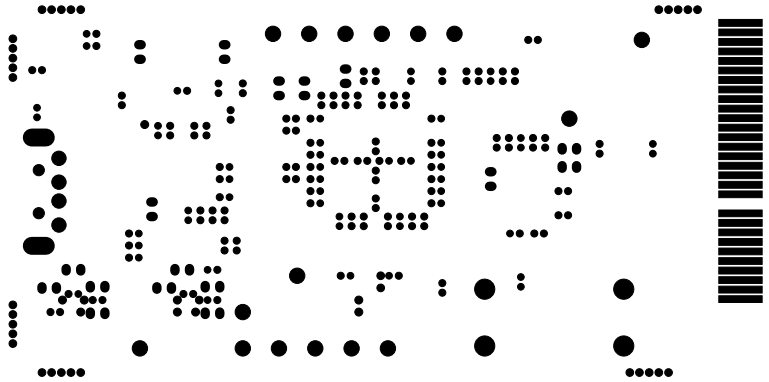


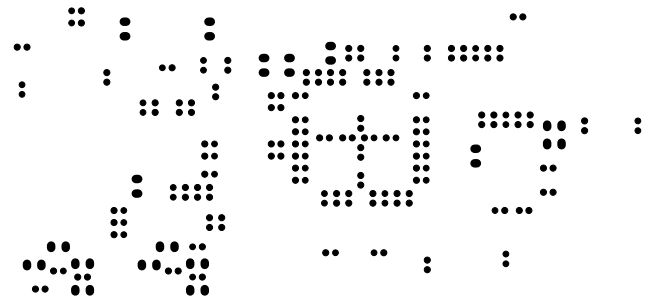
ionDesign	TURNING CONCEPT INTO REALITY 4410 SHOALWOOD AUSTIN, TEXAS 78756 (512)260-5778	SPECTRUM DIGITAL
		LAYER 6 SOLDER / 512321 REV D
		DATE: 08/09/10



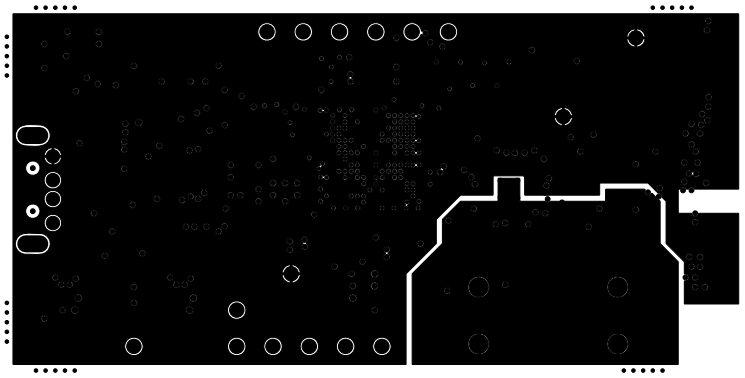
ionDesign TURNING CONCEPT INTO REALITY 4410 SHOALWOOD AUSTIN, TEXAS 78756 (512)260-5778	SPECTRUM DIGITAL	
	BSLK	512321 REV D
	DATE: 08/09/10	



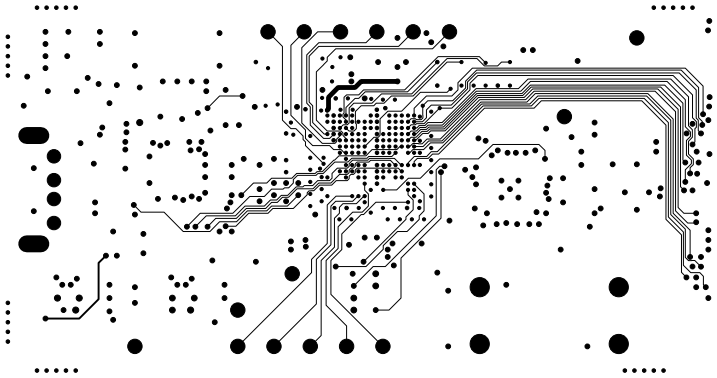
ionDesign	TURNING CONCEPT INTO REALITY 4410 SHOALWOOD AUSTIN, TEXAS 78756 (512)260-5778	SPECTRUM DIGITAL
		SMS: 512321 REV D
		DATE: 08/09/10



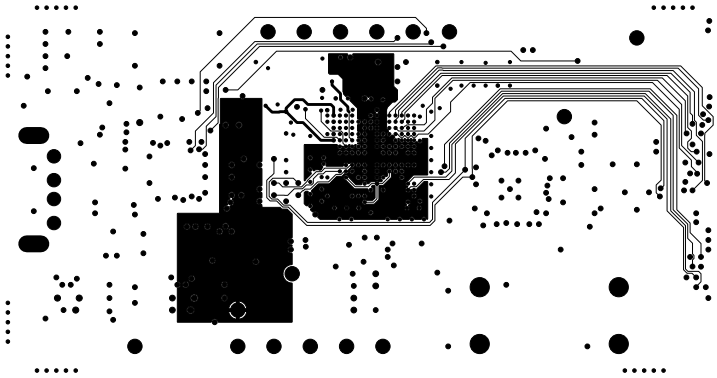
ionDesign	TURNING CONCEPT INTO REALITY 4410 SHOALWOOD AUSTIN, TEXAS 78756 (512)260-5778	SPECTRUM DIGITAL
		SPS 512321 REV D
		DATE: 08/09/10



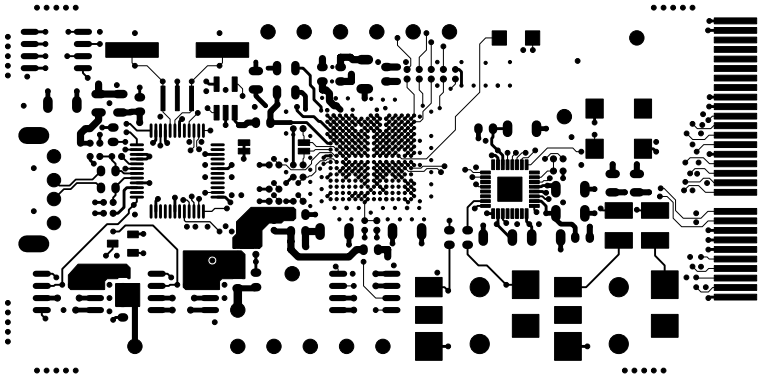
ionDesign	TURNING CONCEPT INTO REALITY 4410 SHOALWOOD AUSTIN, TEXAS 78756 (512)260-5778	SPECTRUM DIGITAL
	LAYER 2 GROUND	512321 REV D
		DATE: 08/09/10



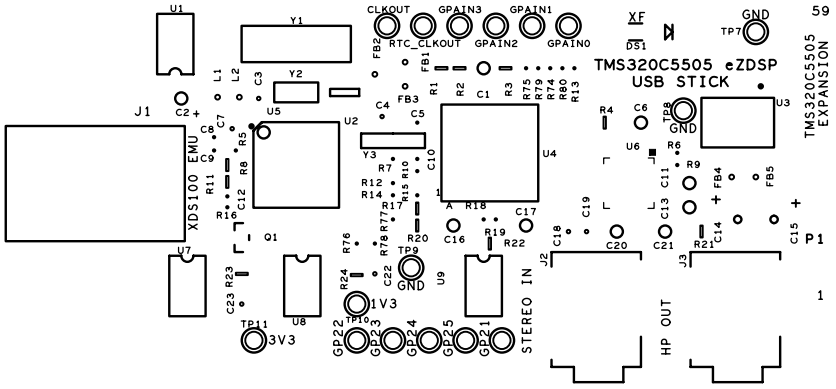
LAYER 3
SIGNAL



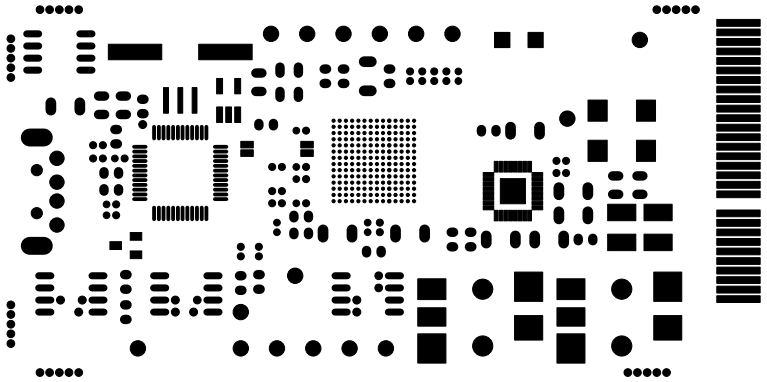
LAYER 4
SIGNAL



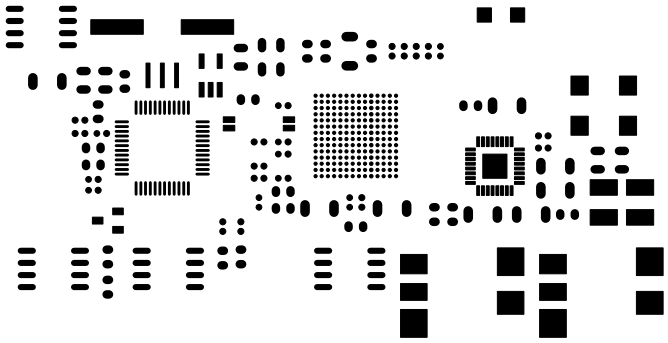
ionDesign	TURNING CONCEPT INTO REALITY 4410 SHOALWOOD AUSTIN, TEXAS 78756 (512)260-5778	SPECTRUM DIGITAL
	LAYER 1 COMPONENT	512321 REV D
		DATE: 08/09/10



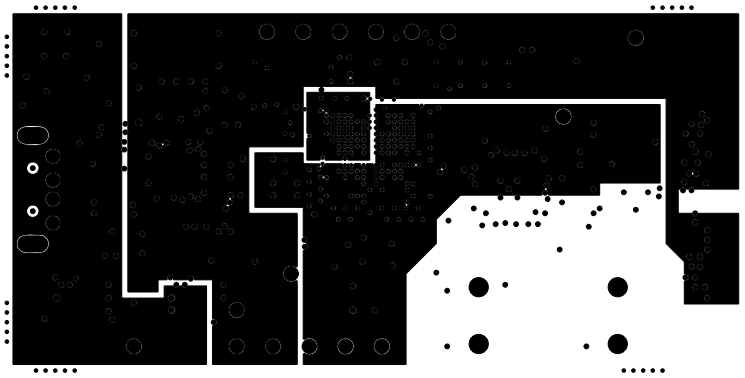
ionDesign TURNING CONCEPT INTO REALITY 4410 SHOALWOOD AUSTIN, TEXAS 78756 (512)260-5778	SPECTRUM DIGITAL	
	TSLK	512321 REV D
	DATE: 08/09/10	



ionDesign TURNING CONCEPT INTO REALITY 4410 SHOALWOOD AUSTIN, TEXAS 78756 (512)260-5778	SPECTRUM DIGITAL	
	SMC	512321 REV D
	DATE: 08/09/10	

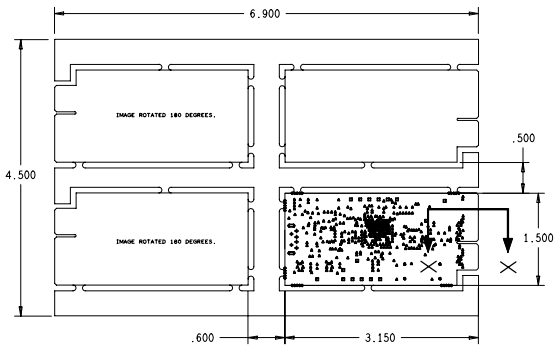


ionDesign	TURNING CONCEPT INTO REALITY 4410 SHOALWOOD AUSTIN, TEXAS 78756 (512)260-5778	SPECTRUM DIGITAL
		SPC 512321 REV D
		DATE: 08/09/10

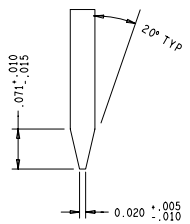


ionDesign	TURNING CONCEPT INTO REALITY 4410 SHOALWOOD AUSTIN, TEXAS 78756 (512)260-5778	SPECTRUM DIGITAL
		LAYER 5 POWER — 512321 REV D
		DATE: 08/09/10

DRILL CHART: TOP to BOTTOM				
ALL UNITS ARE IN MILS				
FIGURE	SIZE	TOLERANCE	PLATED	QTY
▲	8.0	+0.0/-0.0	PLATED	211
▲	10.0	+3.0/-3.0	PLATED	240
▲	15.0	+0.0/-0.0	PLATED	12
◆	30.0	+0.0/-0.0	PLATED	4
■	40.0	+0.0/-0.0	PLATED	16
◆	43.0	+0.0/-0.0	PLATED	2
◆	62.0	+0.0/-0.0	PLATED	4
●	22.0	+0.0/-0.0	NON-PLATED	30
⧓	98.0x40.0	+0.0/-0.0	PLATED	2



DRILL



VIEW X - X
SCALE: NONE

9. 7.5 MIL LINES ON LAYER 1 TO BE 90 OHMS DIFFERENTIAL.
8. IMPEDANCE CONTROL TO 50 OHMS FOR 4 MIL TRACES.
7. SURFACE FINISH SHALL BE IMMERSION GOLD.
6. FINISHED BOARD SHALL BE FREE OF BURRS ON EDGES.
5. PLATED THRU HOLE SIZE TOLERANCES SHALL BE +/- .003 INCH.
   UNPLATED THRU HOLE SIZE TOLERANCES SHALL BE +/- .002 INCH.
4. SOLDERMASK ON BOTH SIDES OF THE BOARD SHALL BE S.M.O.B.C., LPI, COLOR GREEN.
3. MINIMUM TRACE AND SPACE SHALL BE .0037 OF AN INCH.
2. COPPER PLATED SURFACE CONDUCTORS SHALL BE THE EQUIVALENT OF 1 OZ. COPPER AFTER PLATING. PLANE LAYERS SHALL BE 1 OZ. COPPER. AVERAGE COPPER ON THE WALL OF THE PLATED HOLE SHALL BE .001 INCH.
1 TOTAL BOARD THICKNESS SHALL BE .062 +/- .007 INCHES.
   ALL MATERIAL SHALL BE NEMA GRADE FR-4 OR EQUIVALENT. (Tg>=170 DEG. C)

NOTES: UNLESS OTHERWISE SPECIFIED

DATE	08/09/10
DESIGN ENGR	
PROJECT ENGR	
ENGR MGR	
NEXT ASSEMBLY	

APPROVED	
CHECKED	
DRAFTING	Tom K
ENGR	

TOLERANCES UNLESS OTHERWISE SPECIFIED
X.XX ± 0.01
X.XXX ± 0.005
ANGLES ± 1/2°
DO NOT SCALE DRAWING

CUSTOMER NAME

FABRICATION DRAWING,
TMS320C5505 DSP USB STICK

TURNING CONCEPT INTO REALITY
4413 SPICEWOOD
AUSTIN, TEXAS 78756
(512)260-5778

SCALE	NONE	512321 REV D
SHEET	1 OF 1	SIZE D