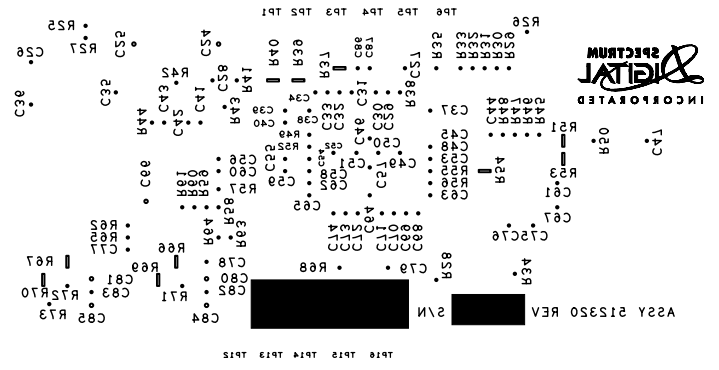

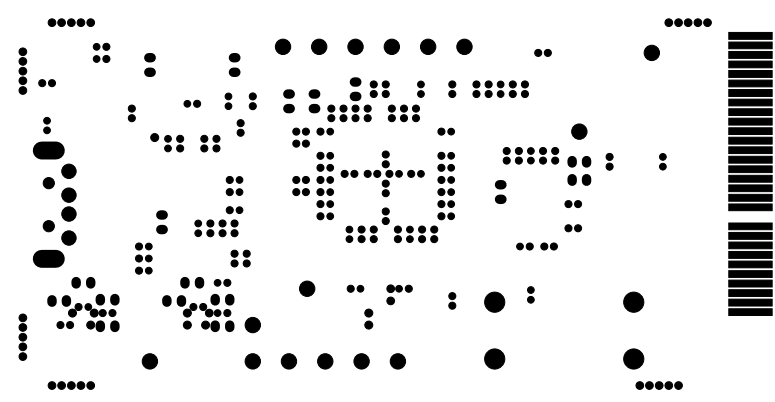
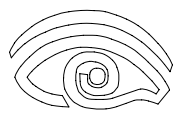


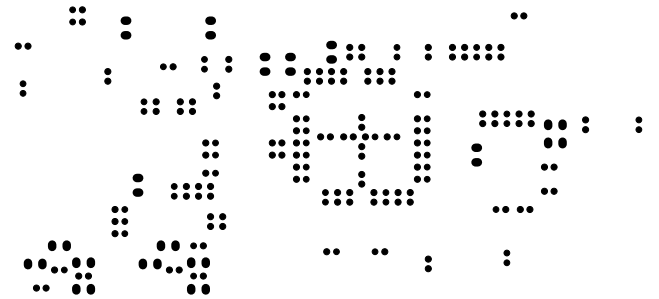
	<b>TURNING CONCEPT INTO REALITY</b>		<b>SPECTRUM DIGITAL</b>	
	4410 SHOALWOOD AUSTIN, TEXAS 78756 (512)260-5778		LAYER 6 SOLDER	512321 REV D
			DATE : 08/09/10	




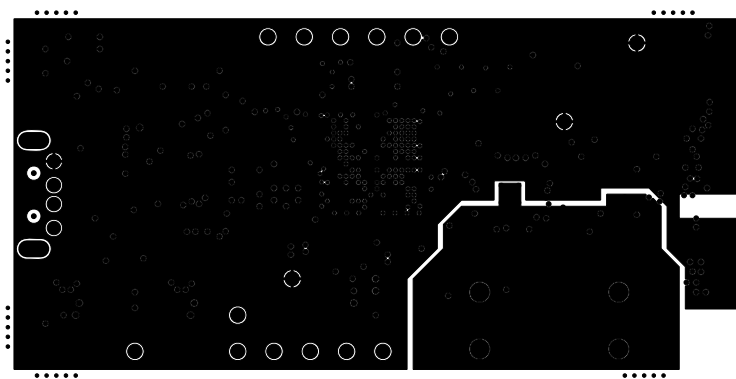
 <p>TURNING CONCEPT INTO REALITY</p> <p>4410 SHOALWOOD AUSTIN, TEXAS 78756 (512)260-5778</p>	SPECTRUM DIGITAL	
	BSLK	512321 REV D
	DATE : 08/09/10	

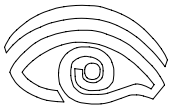


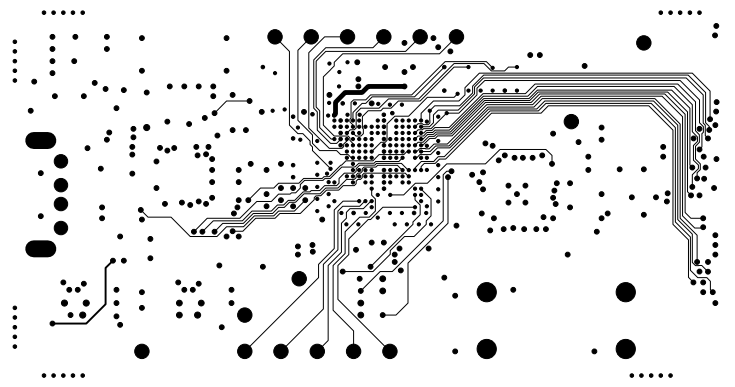
 <b>ionDesign</b>	<b>TURNING CONCEPT INTO REALITY</b>	<b>SPECTRUM DIGITAL</b>	
	4410 SHOALWOOD AUSTIN, TEXAS 78756 (512)260-5778	SMS	512321 REV D
		DATE : 08/09/10	



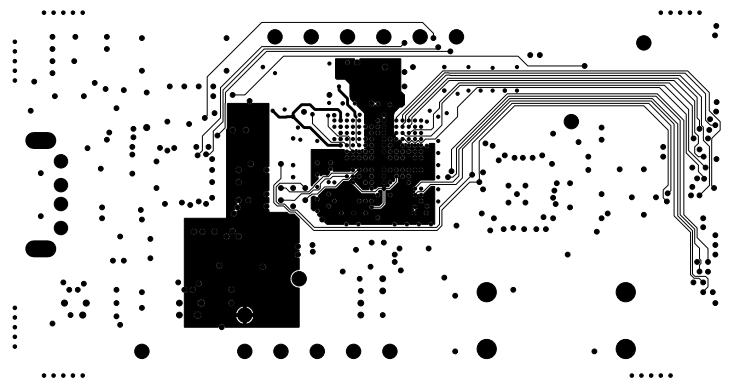
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	4410 SHOALWOOD AUSTIN, TEXAS 78756 (512)260-5778	SPS	512321 REV D
		DATE : 08/09/10	



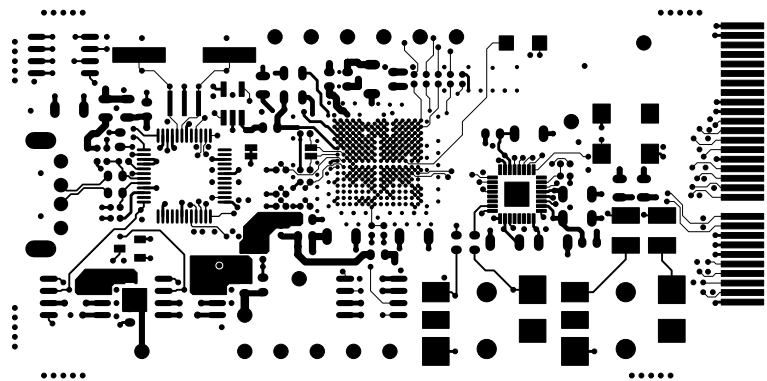
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	4410 SHOALWOOD AUSTIN, TEXAS 78756 (512)260-5778		LAYER 2 GROUND	512321 REV D
	DATE : 08/09/10			

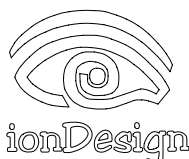


LAYER 3  
SIGNAL

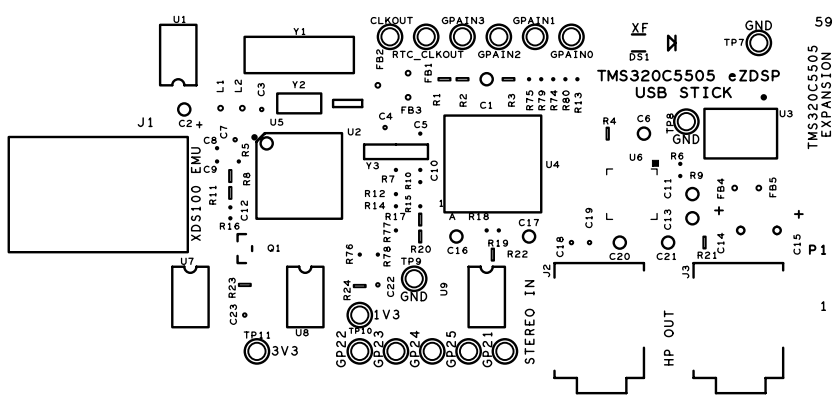



LAYER 4  
SIGNAL

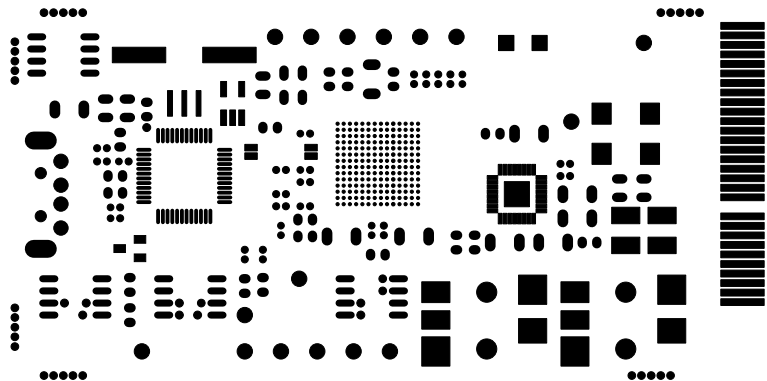



 <p><b>TURNING CONCEPT INTO REALITY</b></p> <p>4410 SHOALWOOD AUSTIN, TEXAS 78756 (512)260-5778</p>	<b>SPECTRUM DIGITAL</b>	
	LAYER 1 COMPONENT	512321 REV D
	DATE : 08/09/10	

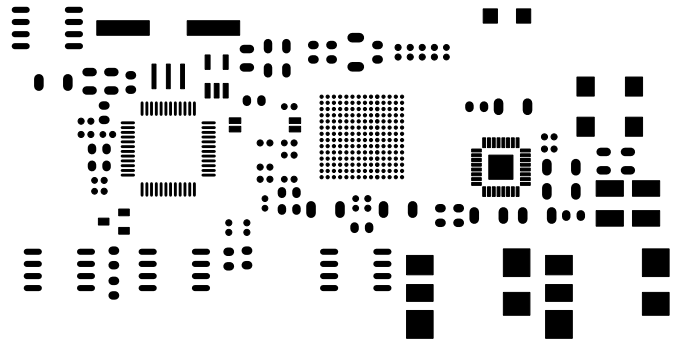





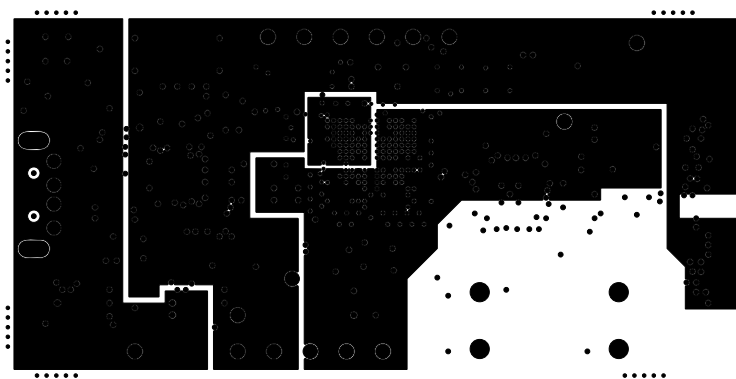
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	TSLK	512321 REV D
	DATE : 08/09/10	

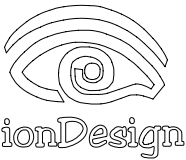


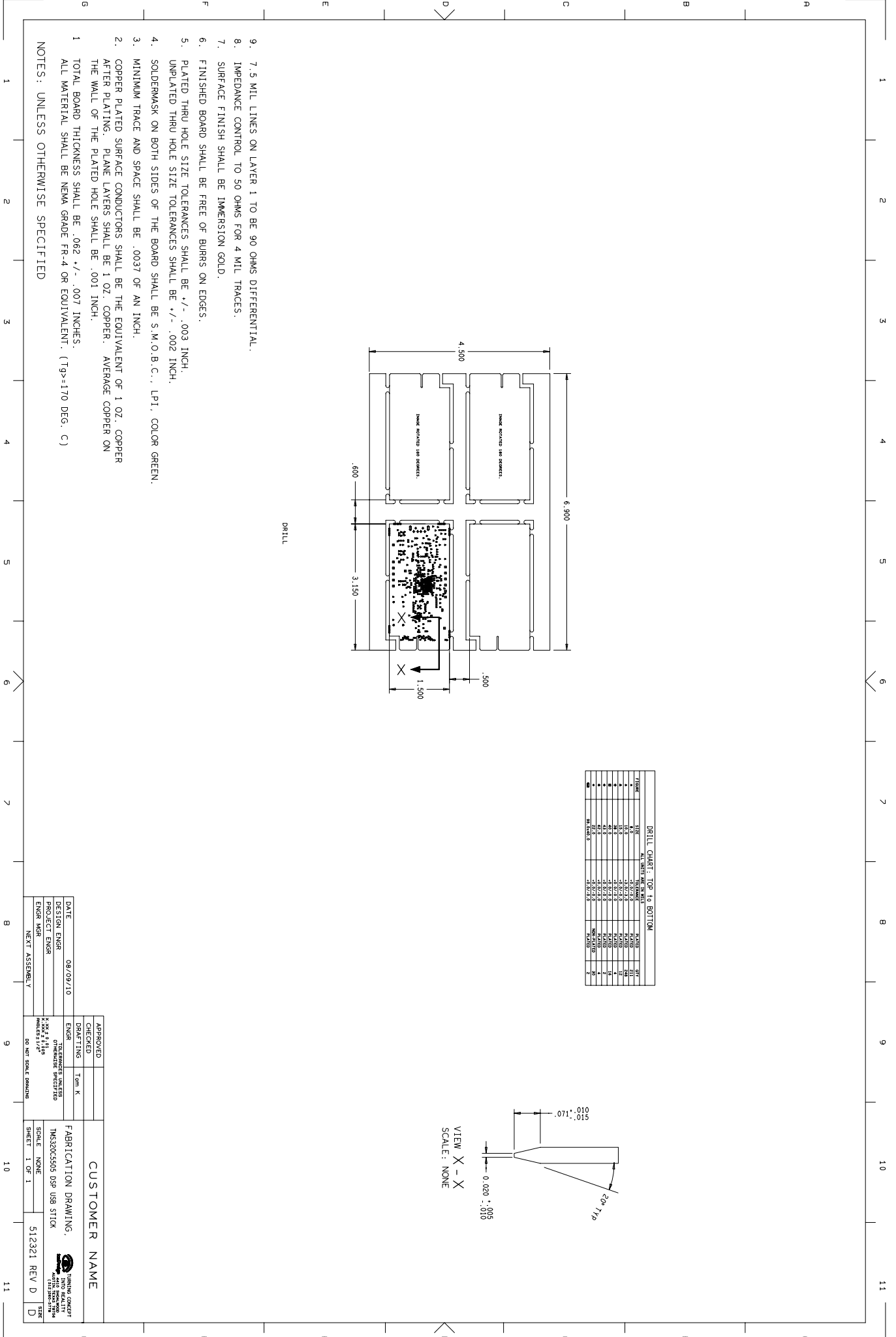
 <b>ionDesign</b>	<b>TURNING CONCEPT INTO REALITY</b>		<b>SPECTRUM DIGITAL</b>	
	4410 SHOALWOOD AUSTIN, TEXAS 78756 (512)260-5778		SMC	512321 REV D
			DATE : 08/09/10	



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

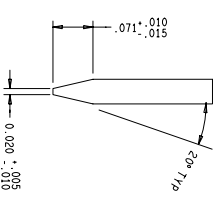


	<b>TURNING CONCEPT INTO REALITY</b>		<b>SPECTRUM DIGITAL</b>	
	4410 SHOALWOOD AUSTIN, TEXAS 78756 (512)260-5778		LAYER 5 POWER	512321 REV D
	DATE : 08/09/10			



DRILL CHART: TOP TO BOTTOM

DRILL	SIZE	QTY	UNIT	DATE	BY	CHKD
1	0.015	1	DRILL	08/09/10	Tom K	Tom K
2	0.020	1	DRILL	08/09/10	Tom K	Tom K
3	0.030	1	DRILL	08/09/10	Tom K	Tom K
4	0.040	1	DRILL	08/09/10	Tom K	Tom K
5	0.050	1	DRILL	08/09/10	Tom K	Tom K
6	0.060	1	DRILL	08/09/10	Tom K	Tom K
7	0.070	1	DRILL	08/09/10	Tom K	Tom K
8	0.080	1	DRILL	08/09/10	Tom K	Tom K
9	0.090	1	DRILL	08/09/10	Tom K	Tom K
10	0.100	1	DRILL	08/09/10	Tom K	Tom K
11	0.110	1	DRILL	08/09/10	Tom K	Tom K
12	0.120	1	DRILL	08/09/10	Tom K	Tom K
13	0.130	1	DRILL	08/09/10	Tom K	Tom K
14	0.140	1	DRILL	08/09/10	Tom K	Tom K
15	0.150	1	DRILL	08/09/10	Tom K	Tom K
16	0.160	1	DRILL	08/09/10	Tom K	Tom K
17	0.170	1	DRILL	08/09/10	Tom K	Tom K
18	0.180	1	DRILL	08/09/10	Tom K	Tom K
19	0.190	1	DRILL	08/09/10	Tom K	Tom K
20	0.200	1	DRILL	08/09/10	Tom K	Tom K



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., LPT, 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	APPROVED		CUSTOMER NAME	
DESIGN ENGR		CHECKED	Tom K	FABRICATION DRAWING,	
PROJECT ENGR		DRAFTING		TMS320C5050 DSP USB STICK	
ENGR MGR		ENGR		SCALE NONE	
				SHEET 1 OF 1	512321 REV D
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