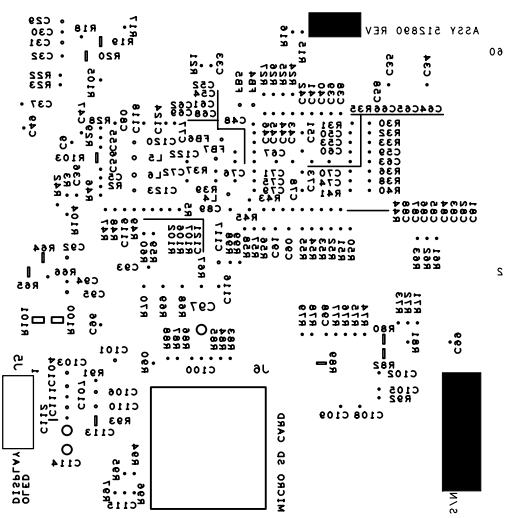

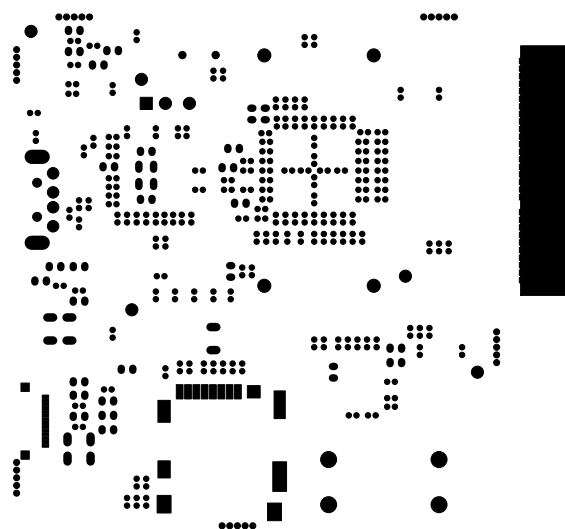

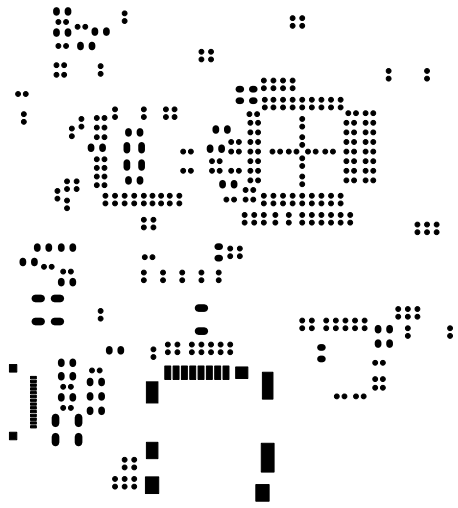
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	4410 SHOALWOOD AUSTIN, TEXAS 78756 (512)260-5778		LAYER 6 SOLDER	512891 REV A
DATE : 02/24/10				




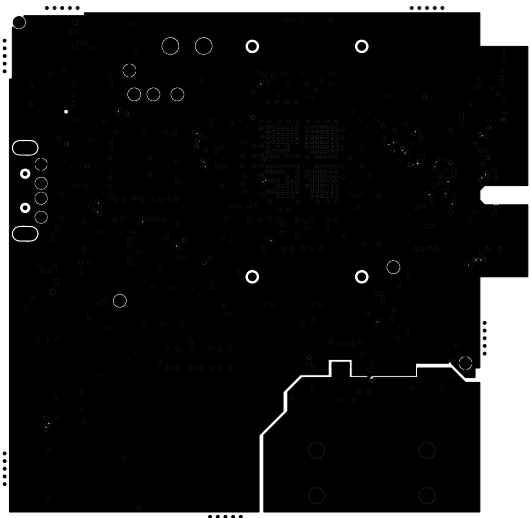
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	DATE : 02/24/10			

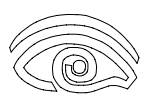


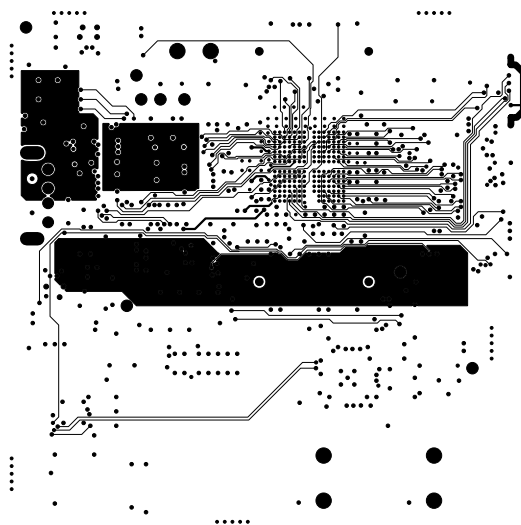
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	4410 SHOALWOOD AUSTIN, TEXAS 78756 (512)260-5778		SMS	512891 REV A
	DATE : 02/24/10			




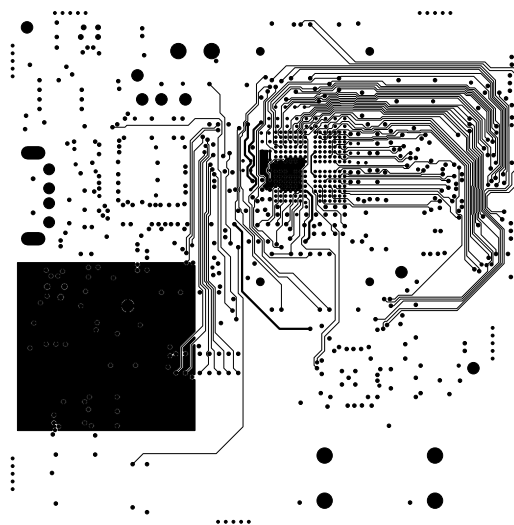
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	DATE : 02/24/10			




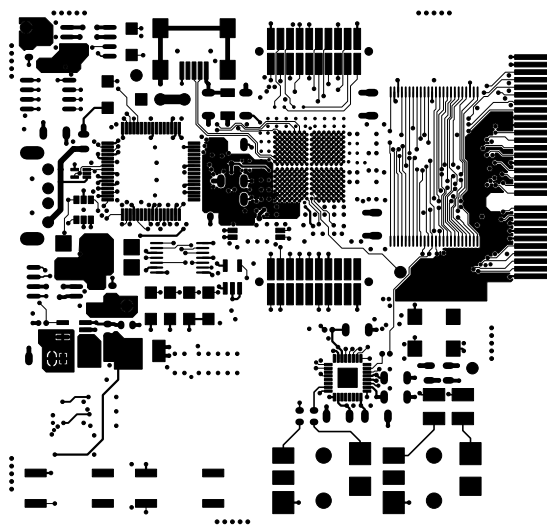
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		LAYER 2 GROUND	512891 REV A
		DATE : 02/24/10	




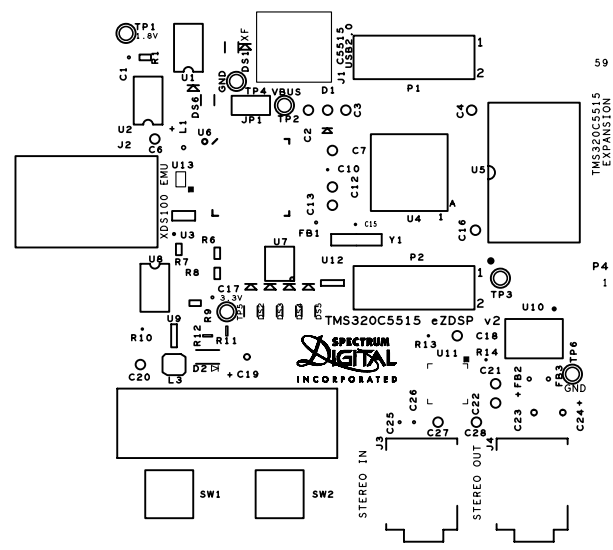
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	4410 SHOALWOOD AUSTIN, TEXAS 78756 (512)260-5778		LAYER 3 SIGNAL	512891 REV A
			DATE : 02/24/10	




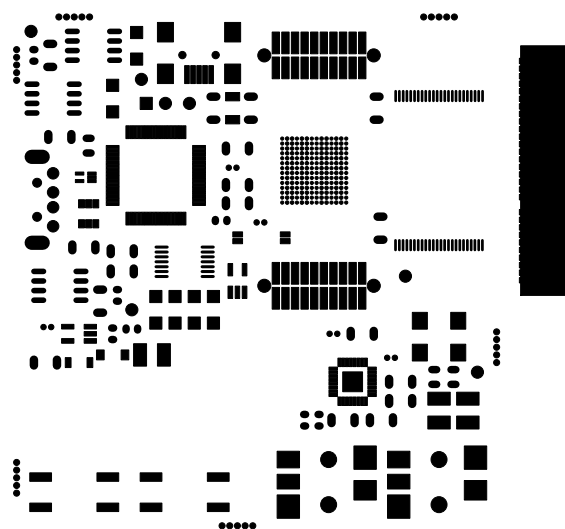
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		LAYER 4 SIGNAL	512891 REV A
		DATE : 02/24/10	




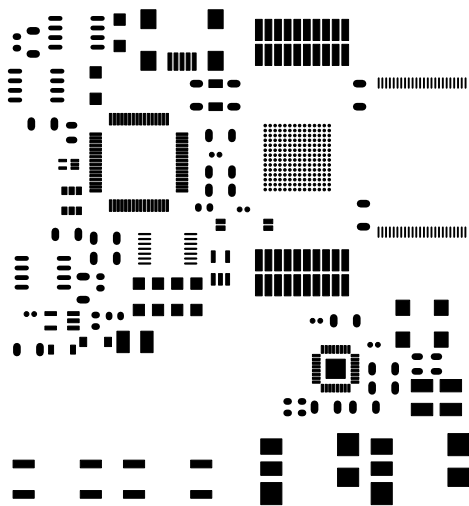
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	DATE : 02/24/10			




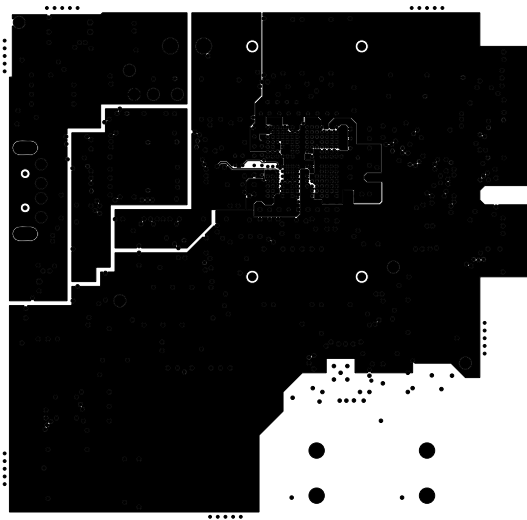
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	DATE : 02/24/10			




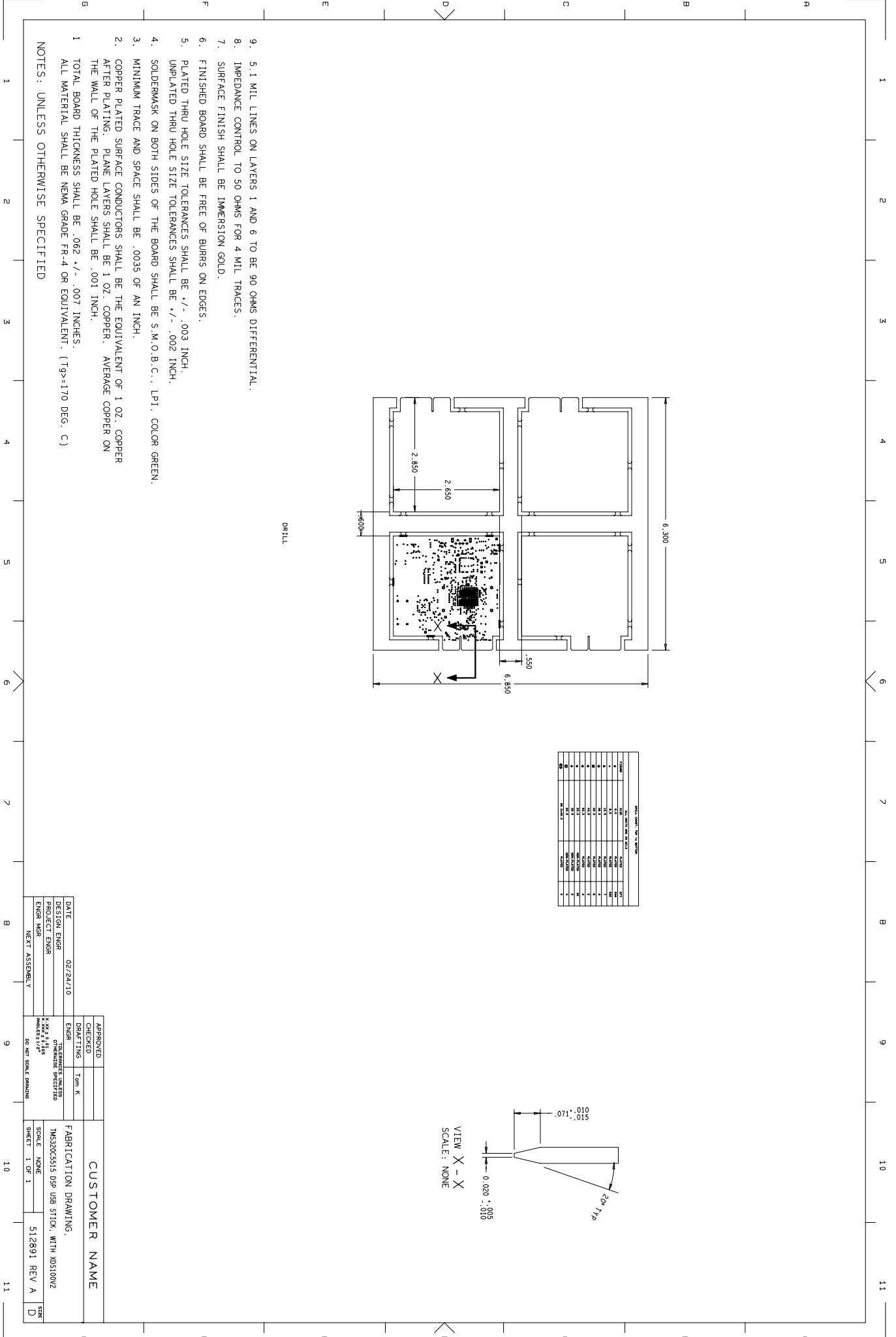
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			DATE : 02/24/10	



 ionDesign	TURNING CONCEPT INTO REALITY		SPECTRUM DIGITAL	
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	DATE : 02/24/10			



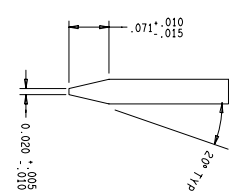
	TURNING CONCEPT INTO REALITY 4410 SHOALWOOD AUSTIN, TEXAS 78756 (512)260-5778	SPECTRUM DIGITAL	
		LAYER 5 POWER	512891 REV A
		DATE : 02/24/10	



9. 5.1 MIL LINES ON LAYERS 1 AND 6 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 .0035 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

HOLE COUNT BY SIZE			
SIZE	PLATED THRU	UNPLATED THRU	TOTAL
0.071	1	0	1
0.075	0	0	0
0.080	0	0	0
0.085	0	0	0
0.090	0	0	0
0.095	0	0	0
0.100	0	0	0
0.105	0	0	0
0.110	0	0	0
0.115	0	0	0
0.120	0	0	0
0.125	0	0	0
0.130	0	0	0
0.135	0	0	0
0.140	0	0	0
0.145	0	0	0
0.150	0	0	0
0.155	0	0	0
0.160	0	0	0
0.165	0	0	0
0.170	0	0	0
0.175	0	0	0
0.180	0	0	0
0.185	0	0	0
0.190	0	0	0
0.195	0	0	0
0.200	0	0	0
0.205	0	0	0
0.210	0	0	0
0.215	0	0	0
0.220	0	0	0
0.225	0	0	0
0.230	0	0	0
0.235	0	0	0
0.240	0	0	0
0.245	0	0	0
0.250	0	0	0
0.255	0	0	0
0.260	0	0	0
0.265	0	0	0
0.270	0	0	0
0.275	0	0	0
0.280	0	0	0
0.285	0	0	0
0.290	0	0	0
0.295	0	0	0
0.300	0	0	0
0.305	0	0	0
0.310	0	0	0
0.315	0	0	0
0.320	0	0	0
0.325	0	0	0
0.330	0	0	0
0.335	0	0	0
0.340	0	0	0
0.345	0	0	0
0.350	0	0	0
0.355	0	0	0
0.360	0	0	0
0.365	0	0	0
0.370	0	0	0
0.375	0	0	0
0.380	0	0	0
0.385	0	0	0
0.390	0	0	0
0.395	0	0	0
0.400	0	0	0
0.405	0	0	0
0.410	0	0	0
0.415	0	0	0
0.420	0	0	0
0.425	0	0	0
0.430	0	0	0
0.435	0	0	0
0.440	0	0	0
0.445	0	0	0
0.450	0	0	0
0.455	0	0	0
0.460	0	0	0
0.465	0	0	0
0.470	0	0	0
0.475	0	0	0
0.480	0	0	0
0.485	0	0	0
0.490	0	0	0
0.495	0	0	0
0.500	0	0	0



DATE	02/24/10	APPROVED		CUSTOMER NAME
DESIGN ENGR		CHECKED	Tom K	FABRICATION DRAWING,
PROJECT ENGR		DRAFTING		7MS320C515 DSP USB STICK, WITH JDS10012
ENGR MGR		ENGR		SCALE NONE
				SHEET 1 OF 1
				512991 REV A
				DATE
				D