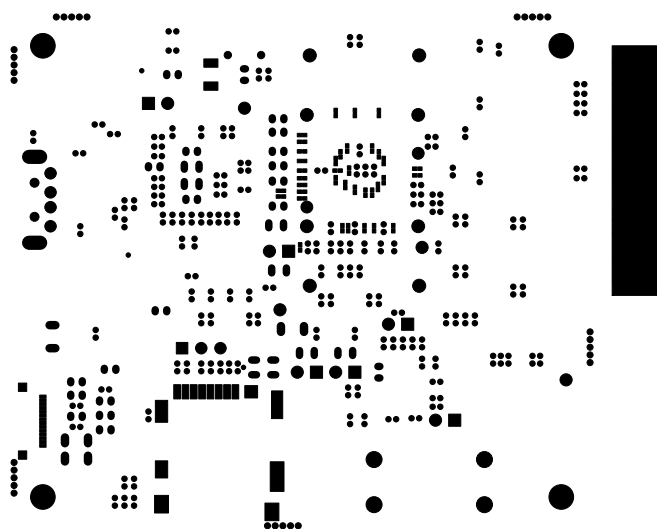
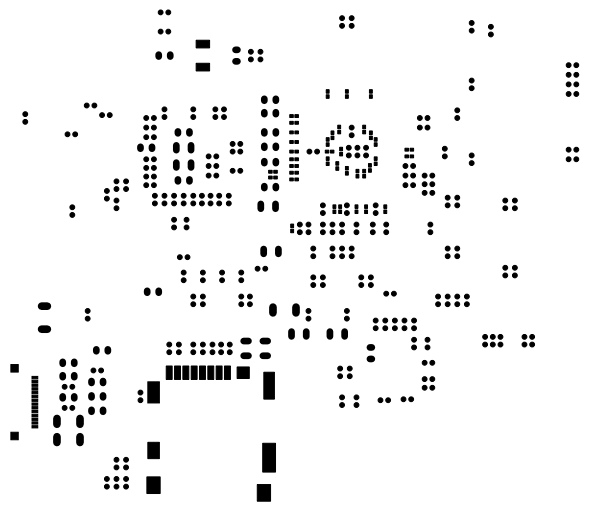


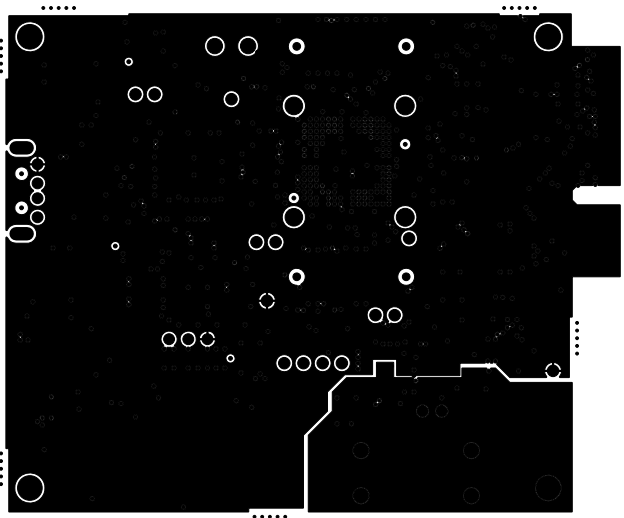
	SPECTRUM DIGITAL	
	LAYER 6 SOLDER	514581 REV C
	DATE : 7/22/11	



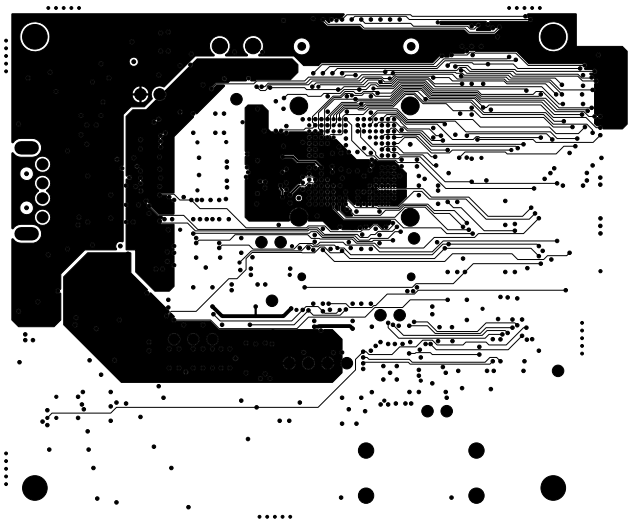
	SPECTRUM DIGITAL	
	SMS	514581 REV C
	DATE : 7/22/11	



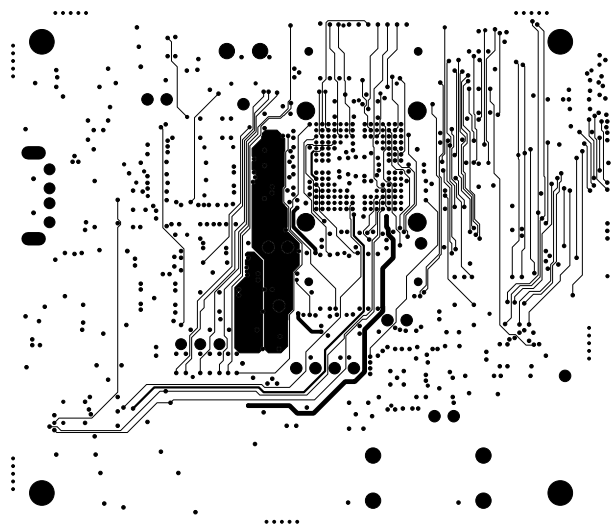
	SPECTRUM DIGITAL	
	SPS	514581 REV C
	DATE : 7/22/11	



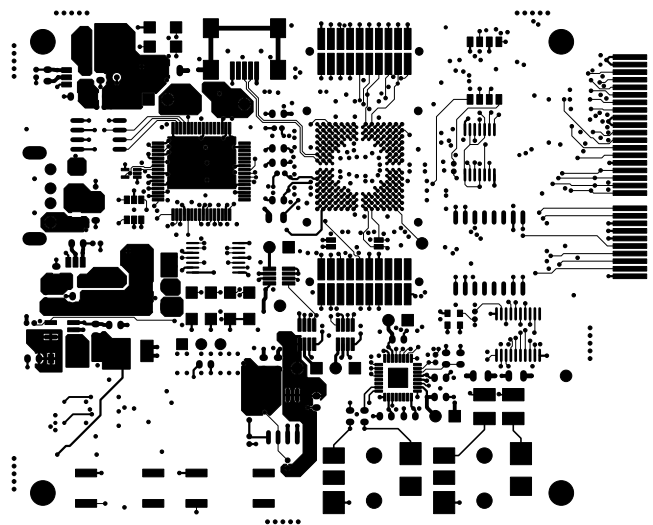
	SPECTRUM DIGITAL	
	LAYER 2 GROUND	514581 REV C
	DATE : 7/22/11	



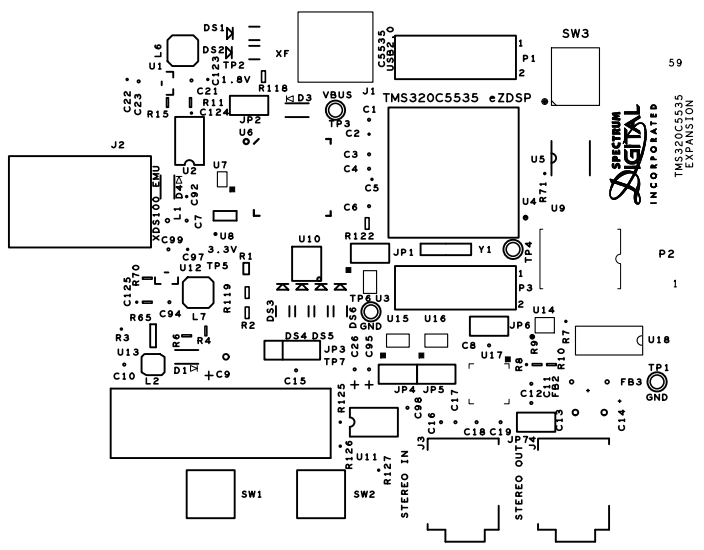
	SPECTRUM DIGITAL	
	LAYER 3 ROUTING	514581 REV C
	DATE : 7/22/11	



	SPECTRUM DIGITAL	
	LAYER 4 ROUTING	514581 REV C
	DATE : 7/22/11	



	SPECTRUM DIGITAL	
	LAYER 1 COMPONENT	514581 REV C
	DATE : 7/22/11	

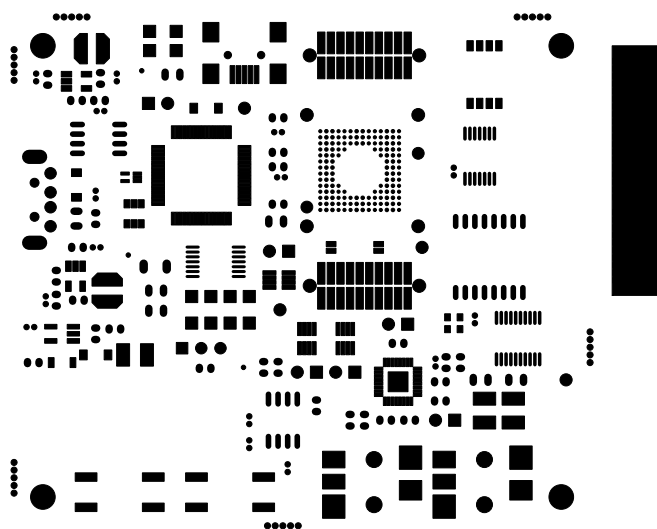


SPECTRUM DIGITAL
INCORPORATED

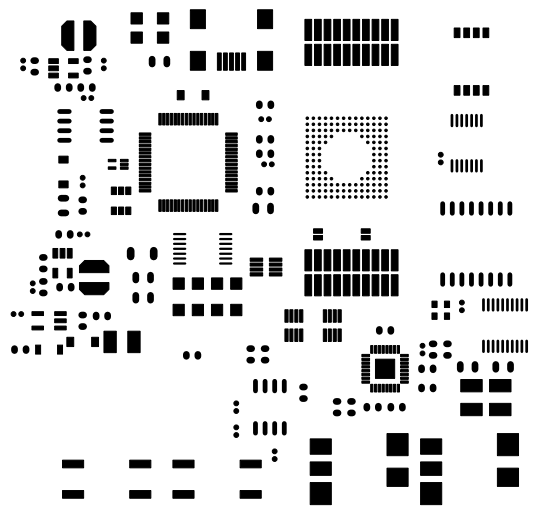
TMS320C5535
EXPANSION

P2
1

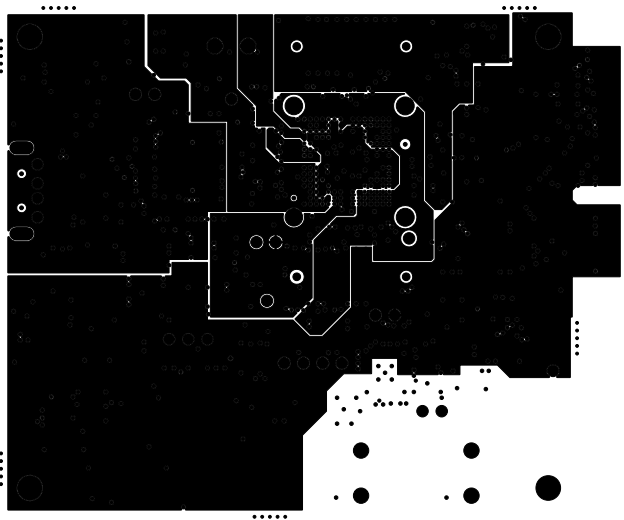
		SPECTRUM DIGITAL	
		TSLK	514581 REV C
		DATE : 7/22/11	



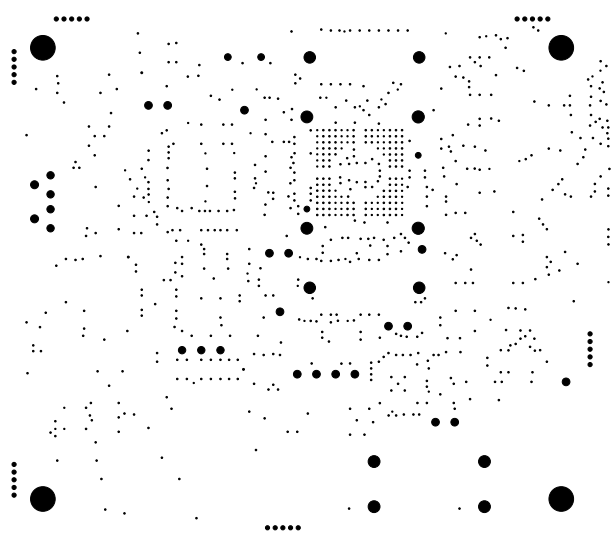
	SPECTRUM DIGITAL	
	SMC	514581 REV C
	DATE : 7/22/11	

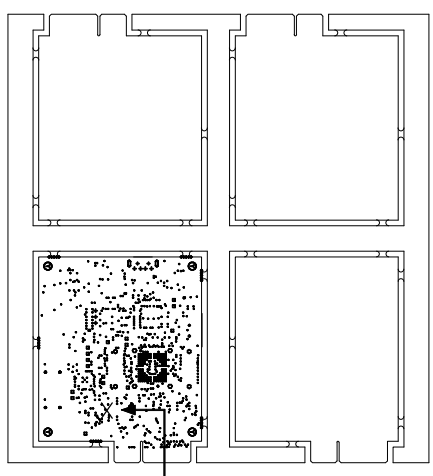


	SPECTRUM DIGITAL	
	SPC	514581 REV C
	DATE : 7/22/11	



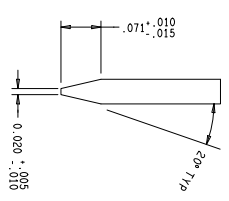
	SPECTRUM DIGITAL	
	LAYER 5 POWER	514581 REV C
	DATE : 7/22/11	





DRILL CHART

FIGURE	SIZE	ALL	PLATED	NO PLATED	100%	NOTE
1	8.0	PLATED	789			
2	15.0	PLATED	3			
3	40.0	PLATED	16			
4	43.0	PLATED	2			
5	52.0	NON-PLATED	90			
6	31.0	NON-PLATED	2			
7	35.0	NON-PLATED	2			
8	43.0	NON-PLATED	4			
9	129.0	NON-PLATED	2			



VIEW X - X
SCALE: NONE

SPECTRUM DIGITAL
DRILL 514581 REV C
DATE: 7/22/11

- 5.1 MIL LINES ON LAYERS 1 AND 6 TO BE 90 OHMS DIFFERENTIAL.
- IMPEDANCE CONTROL TO 50 OHMS FOR 4 MIL TRACES.
- SURFACE FINISH SHALL BE IMMERSION GOLD (INCLUDING EDGE TABS).
- FINISHED BOARD SHALL BE FREE OF BURRS ON EDGES.
- PLATED THRU HOLE SIZE TOLERANCES SHALL BE +/- .003 INCH.
- UNPLATED THRU HOLE SIZE TOLERANCES SHALL BE +/- .002 INCH.
- SOLDERMASK ON BOTH SIDES OF THE BOARD SHALL BE S.M.O.B.C., LPT, COLOR GREEN.
- MINIMUM TRACE AND SPACE SHALL BE .004 OF AN INCH.
- 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.
- 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	7/22/11
DESIGN ENGR	
PROJECT ENGR	
ENGR MGR	
NEXT ASSEMBLY	

APPROVED	
DRAFTING	Tom K
ENGR	
CHECKED BY: [Signature]	
DATE: [Signature]	

CUSTOMER NAME	
FABRICATION DRAWING,	
TMS320C5538 EDSP MODULE	
SCALE	NONE
SHEET	1 OF 1
514581 REV C	

1 2 3 4 5 6 7 8 9 10 11