

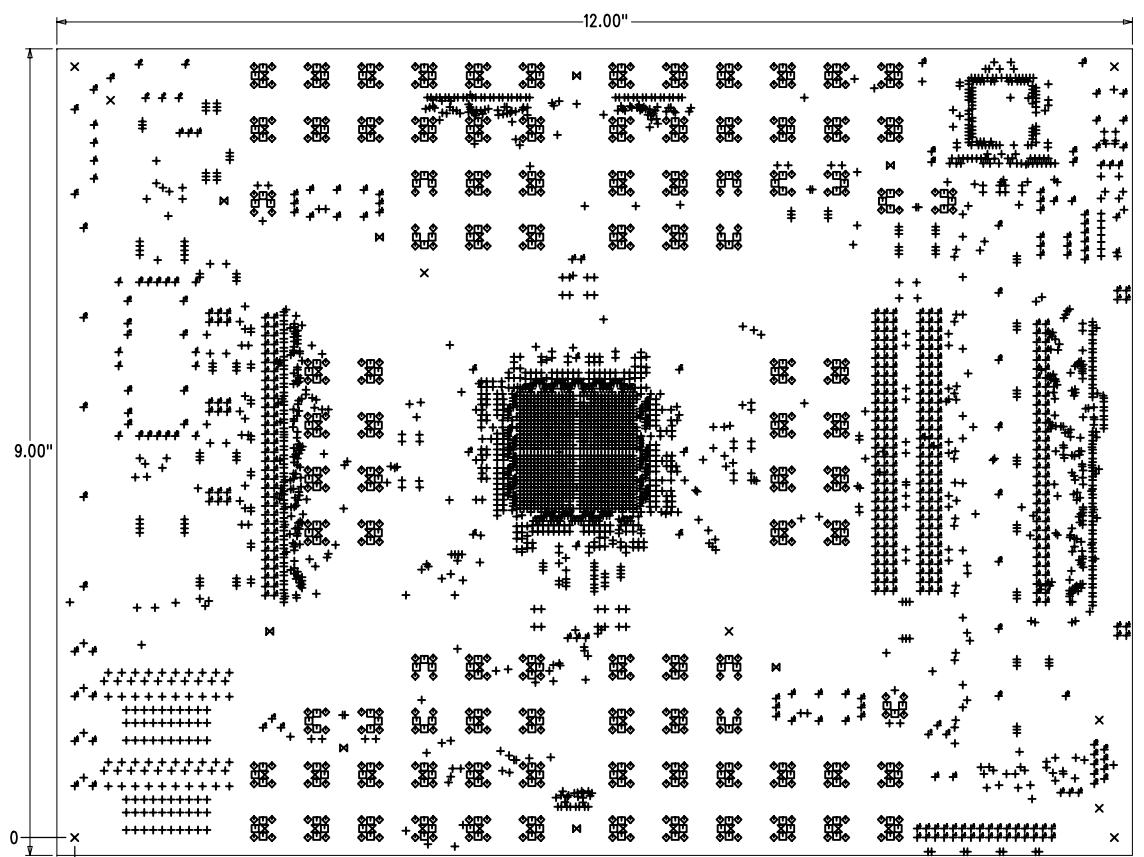
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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01	INITIAL RELEASE	01-03-07	

DESCRIPTION
PCB, ROHS COMPLIANT, ML423 FF1152

DWG NO.
1280358

SIZE	QTY	SYM	PLATED	TOL
4.87	80	X	YES	+/-0.0
10	2727	+	YES	+/-0.0
11.81	160	+	YES	+/-0.0
15.75	288	+	YES	+/-0.0
31	6	+	YES	+/-0.0
37	449	+	YES	+/-0.0
39.37	2	+	YES	+/-0.0
45	19	+	YES	+/-0.0
52	2	+	NO	+/-0.0
55	10	+	YES	+/-0.0
59.84	4	+	YES	+/-0.0
62.99	384	+	YES	+/-0.0
65	8	+	YES	+/-0.0
67	2	+	NO	+/-0.0
73	5	+	YES	+/-0.0
87	2	+	NO	+/-0.0
90	6	+	YES	+/-0.0
90.55	2	+	YES	+/-0.0
95	8	+	YES	+/-0.0
100	2	+	NO	+/-0.0
105	2	+	YES	+/-0.0
125	9	X	YES	+/-0.0
250	14	+	YES	+/-0.0



COMPONENT VIEW

Layer	Type	Color	Dielectric	Copper Weight	Trace Width (MILS)	Trace Spacing (MILS)	Drill	Separation (MILS)	Drill	Comments
1	Top Side	L1	FR4	1/2 OZ	7.00	10x7-104	6.50	8.00	10x7-104	COPPER-FIL
2	IMP PLANE 1	L2	FR4	1/2 OZ	1.00					CORE(4000-13)
3	INNER TRACE 1	L3	FR4	1/2 OZ	6.35	10x7-104	7.75	9.25	10x7-104	PRE-PRG(4000-13)
4	IMP PLANE 2	L4	FR4	1/2 OZ						CORE(4000-13)
5	INNER TRACE 2	L5	FR4	1/2 OZ	5.50	10x7-104	5.25	9.25	10x7-104	PRE-PRG(4000-13)
6	IMP PLANE 3	L6	FR4	1/2 OZ						CORE(4000-13)
7	TOP PLANE 1	L7	FR4	1/2 OZ						PRE-PRG(4000-13)
8	INNER TRACE 3	L8	FR4	1/2 OZ	5.00	10x7-104				CORE(4000-13)
9	INNER TRACE 4	L9	FR4	1/2 OZ	6.00	10x7-104				PRE-PRG(4000-13)
10	TOP PLANE 2	L10	FR4	1/2 OZ						CORE(4000-13)
11	IMP PLANE 4	L11	FR4	1/2 OZ						PRE-PRG(4000-13)
12	INNER TRACE 5	L12	FR4	1/2 OZ	6.00	10x7-104	5.75	8.75	10x7-104	PRE-PRG(4000-13)
13	IMP PLANE 5	L13	FR4	1/2 OZ						CORE(4000-13)
14	INNER TRACE 6	L14	FR4	1/2 OZ	7.00	10x7-104	6.25	9.75	10x7-104	PRE-PRG(4000-13)
15	IMP PLANE 6	L15	FR4	1/2 OZ						PRE-PRG(4000-13)
16	BOTTOM SIDE	L16	FR4	1/2 OZ	7.00	10x7-104	6.50	8.00	10x7-104	COPPER-FIL

19. VENDOR MUST SUPPLY ROHS COMPLIANCY CERTIFICATION WITH BOARD.
 18. BOARD MUST BE ROHS COMPLIANT FOR Pb FREE ASSEMBLY.
 17. DIFFERENTIAL PAIRS IN TEST COUPON SHALL BE 3 INCHES LONG.
 16. BLIND VIA L1 TO L4 USE 4.87 MIL DRILL
 15. BLIND VIA L1 TO L4 USE 8 MIL DRILL
 14. PLATING : NICKEL/GOLD IMMERSION.
 13. IMPEDANCE TOLERANCE +/- 5%.
 12. ALL HOLES PLATED THROUGH, SIZES SPECIFIED ARE AFTER PLATING.
 11. HOLE TOLERANCE +/- .003, AFTER PLATING.
 10. REMOVE ALL SHARP EDGES AND BURRS.
 9. SOLDERMASK : LPI, COLOR=GREEN.
 8. RF - > 35-40ps EDGE RATE.
 7. MARK UL RECOGNIZED MANUFACTURER'S IDENTIFICATION LETTERS AND/OR SYMBOLS.
 6. USE ARTMASTER # 0531462
 5. BOARD THICKNESS = 0.110" +/- .010
 4. SILKSCREEN TOP AND BOTTOM; WHITE USING NON-CONDUCTIVE PAINT. (WARNOW CAT-L-INK PROCESS).
 3. MATERIAL = NELCO-4000-13 ASSUME ER 3.8
 2. FABRICATE IN ACCORDANCE WITH IPC-A-600F CLASS 2 LESS THAN 1.5% BOW AND TWIST. IPC-R-700 UL 796 AND UL 94 INDUSTRY STANDARD.
 1. BOARD IS SHOWN FROM COMPONENT SIDE.
- NOTES: UNLESS OTHERWISE SPECIFIED:

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS .XX ± .02 DECIMALS .XXX ± .010 ANGLES ± 1°	CAD GENERATED DRAWING. DO NOT MANUALLY UPDATE		2100 LOGIC DRIVE SAN JOSE, CALIFORNIA 95124
	APPROVALS	DATE	
MATERIAL	CHECKED	12-18-06	TITLE
FINISH	RES ENG		PCB, ROHS COMPLIANT, ML423 FF1152
DO NOT SCALE DRAWING	MFG ENG		SIZE D
	QUAL ENG		FSCM NO.
	APPROVED		DWG NO. 1280358
			REV. 01
			SCALE 1 : 1
			SHEET 1 OF 1