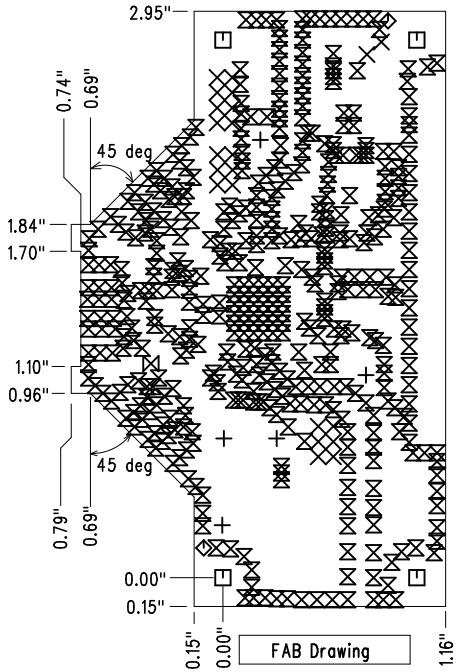
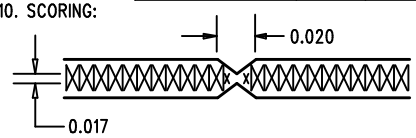
816a.pcb - Fri Mar 25 13:09:07 2005

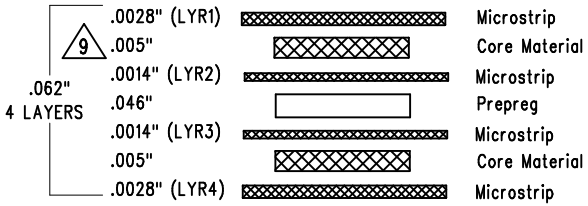


SIZE	QTY	SYM	PLTD
65	5	+	PLTD
35	22	X	PLTD
187	4	□	PLTD
70	2	◇	NPLTD
10	481	⧖	PLTD
15	1	⋈	PLTD

10. SCORING:



REVISIONS			
REV	DESCRIPTION	APPR	DATE



LAYERING STRUCTURE

NOTES : Unless Otherwise Specified

1. FAB PER IPC-A-600.
2. MATERIAL: EPOXY FIBERGLASS, NEMA GRADE FR-4.
   2 OZ. COPPER FINISHED ON OUTER LAYERS.
   1 OZ. COPPER FINISHED ON INNER LAYERS.
   THICKNESS .062 +/-.006 TOTAL OF 4 LAYERS.
   FLAMABILITY RATING: 94 V-0 MINIMUM .
3. SIZE: DIMENSIONS AND TOLERANCES SHOWN.
   0.00 ARE PRIMARY DATUMS.
4. DRILLLING: DRILL HOLES PER SCHEDULE. PLATE THROUGH HOLES WITH COPPER, .001 INCH THICK MIN. ALL HOLE SIZES ARE SPECIFIED AFTER PLATING.
   HOLE LOCATION TOLERANCES ARE +/-.003 INCH IN RELATION TO CENTER
5. FINISH: SMOBC USING LPI BOTH SIDES COLOR GREEN.
   WHITE TIN IMMERSION (OMIKRON) BOTH SIDES.
6. SILKSCREEN : USING WHITE NON-CONDUCTIVE EPOXY INK.
7. DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE.
8. OUTER DIELECTRIC THICKNESS: TARGET 50-OHM USING 8 MIL TRACE CONTROLLED 50 OHM IMPEDANCE LAYER 1 TO LAYER 2. (TO BE FINALIZED BY MANUFACTURER)

9 SUBJECT TO CHANGE BY MANUFACTURER, DEPENDING ON DIELECTRIC CONSTANT DEVIATIONS. PLEASE CONSULT LTC.

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON ANGLE ±1
2 PLACE ±.01 3 PLACE ±005
INTERPRET DIM AND TOL
PER ASME Y14.5M - 1994

APPROVALS		
	INIT	DATE
DRAWN		
CHECK		
DESIGN	JUNE WU	8/26/04
ENGR	RICH REAY	8/26/04
SCALE = NONE		

LINEAR TECHNOLOGY
1630 McCarthy Blvd.
Milpitas, CA 95035
PH: (408)432-1900

TITLE: LTC2298 FAMILY
HIGH SPEED DUAL ADC

SIZE	DEMO	REV.
A	DC816A	A

DES-250080 | SHT 1 of 1