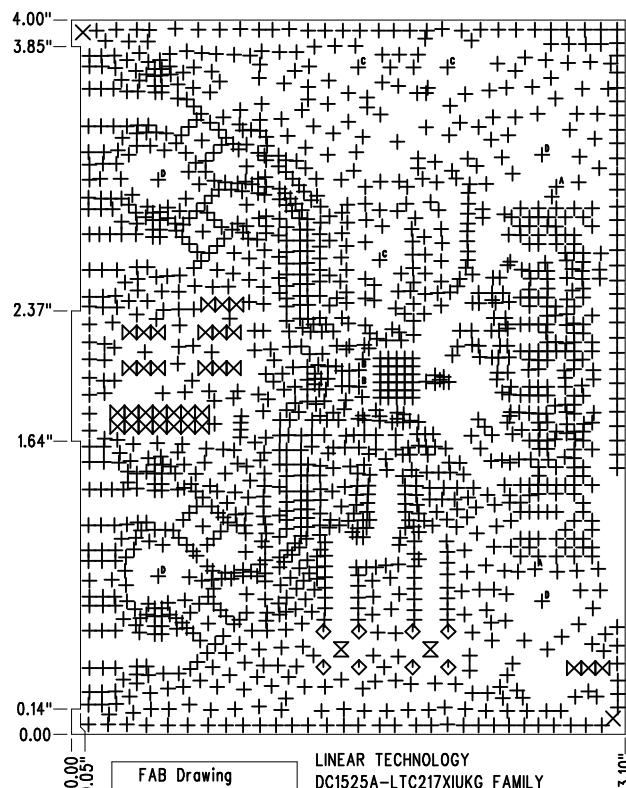


REVISION HISTORY				
ECO	REV	DESCRIPTION	APPR	DATE
	3	PROTO	CLARENCE	10-29-09



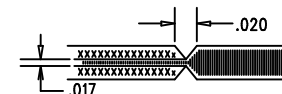
SIZE	QTY	SYM	PLATED	TOL
0.01	1458	+	YES	+/-0.003
0.07	2	X	NO	+/-0.003
0.065	8	◇	YES	+/-0.003
0.06	2	⊗	YES	+/-0.003
0.035	32	⊗	YES	+/-0.003
0.05	2	⊕ <sup>A</sup>	NO	+/-0.003
0.008	2	⊕ <sup>B</sup>	YES	+/-0.003
0.095	3	⊕ <sup>C</sup>	YES	+/-0.003
0.1063	4	⊕ <sup>D</sup>	YES	+/-0.003

TOP		
.0028" (LYR1)		Microstrip
.005"		Core Material
.0014" (LYR2)		Microstrip
.018"		Core Material
.0014" (LYR3)		Microstrip
.062"		Prepreg
.0014" (LYR4)		Microstrip
.018"		Core Material
.0014" (LYR5)		Microstrip
.005"		Core Material
.0028" (LYR6)		Microstrip

#### LAYER STRUCTURE

#### NOTES : Unless Otherwise Specified

- FAB PER IPC-A-600. PCBs ARE TO BE ROHS COMPLIANT.
- MATERIAL: EPOXY FIBERGLASS, NEMA GRADE FR-4.  
2 OZ. COPPER FINISH ON OUTER LAYERS.  
1 OZ. COPPER FINISH ON INNER LAYERS.  
THICKNESS .062 +/- .006 TOTAL OF 6 LAYERS.  
FLAMMABILITY RATING: 94 V-0 MINIMUM .
- SIZE: DIMENSIONS AND TOLERANCES SHOWN.  
0.00 ARE PRIMARY DATUMS.
- DRILLING: 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
- FINISH: SMOBC USING LPI BOTH SIDES COLOR **GREEN**.  
GOLD IMMERSION BOTH SIDES.
- SILKSCREEN : USING WHITE NON-CONDUCTIVE EPOXY INK.
- DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE BUT YOU MAY MODIFY PAD SIZE TO MEET END FINISH.
- OUTER DIELECTRIC THICKNESS: TARGET 50-OHM USING 30 MIL TRACE CONTROLLED 50 OHM IMPEDANCE LAYER 1 TO LAYER 3.  
100 OHM FOR DIFFERENTIAL PAIR LAYER 1, TRACE 5 MILS
- SUBJECT TO CHANGE BY MANUFACTURER, DEPENDING ON DIELECTRIC CONSTANT DEVIATIONS. PLEASE CONSULT LTC.
- SCORING FOR PANELIZED PCB:



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON ANGLE ±° 0.XX" = ±0.01" 0.XXX" = ±0.005" INTERPRET DIM AND TOL PER ASME Y14.5M-1994 THIRD ANGLE PROJECTION	APPROVALS		<b>LINEAR TECHNOLOGY</b> 1630 MCCARTHY BLVD MILPITAS, CA 95035 PH: (408)432-1900 LTC CONFIDENTIAL - FOR CUSTOMER USE ONLY
	PCB DES.	ANTONINA 10-29-09	
	ENG.	CLARENCE 10-29-09	TITLE: FABRICATION DRAWING  <b>QUAD ADC FAMILY</b>
DO NOT SCALE DRAWING	SCALE: NONE	FILENAME: DC1525A	SIZE <b>A</b> IC NO. <b>LTC217XIUKG-X</b> REV. <b>3</b> DEMO CIRCUIT 1525A SHT 1 of 1