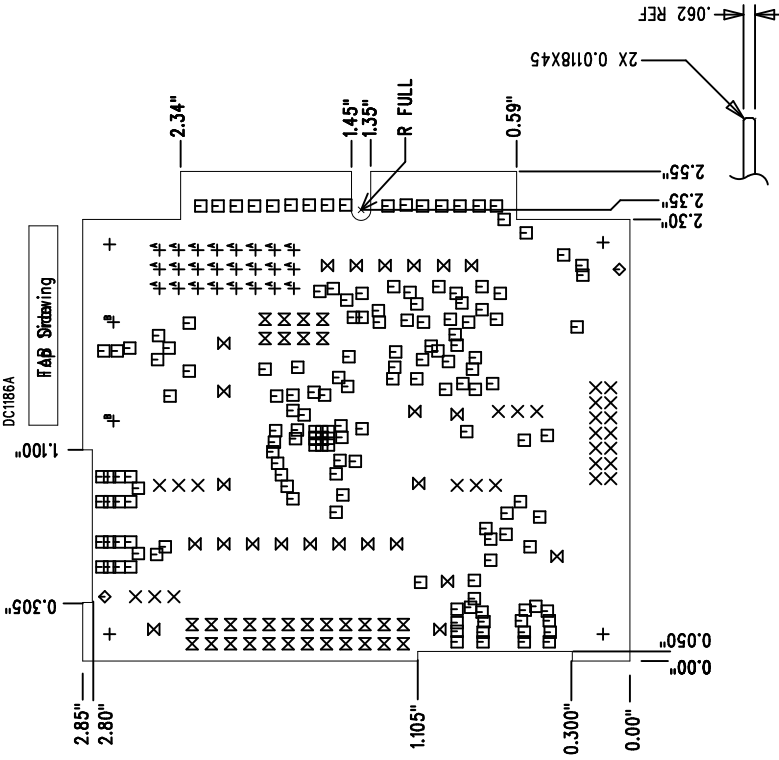
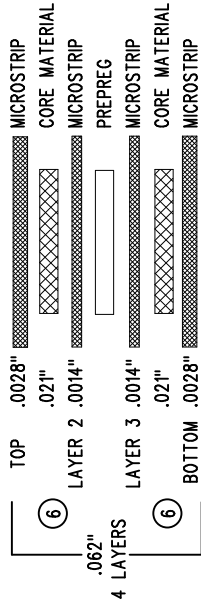


LINEAR TECHNOLOGY CORPORATION
DC1186A

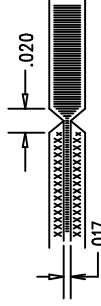


LAYER STRUCTURE



NOTES: UNLESS OTHERWISE SPECIFIED

1. FAB PER IPC-A-600
2. MATERIAL: EPOXY FIBERGLASS, NEMA GRADE FR-4
FINISHED THICKNESS TO BE 0.062" +/- 0.006"
TOTAL OF 4 LAYERS WITH 2 OZ. COPPER ON THE OUTER LAYERS AND 1 OZ. COPPER ON THE INTERNAL LAYERS.
FLAMABILITY RATING: 94 V-0 MINIMUM
3. FINISH: SMOBC USING LPI BOTH SIDES, COLOR GREEN.
GOLD IMMERSION.
FOR SILKSCREEN: USE WHITE NON-CONDUCTIVE INK.
4. DRILLING: DRILL HOLES PER SCHEDULE. ALL PLATED THROUGH HOLES WITH COPPER, 0.001" MIN. / 0.0015" MAX. COPPER PLATE ALL HOLE SIZES ARE SPECIFIED AFTER PLATING. HOLE LOCATION TOLERANCES ARE +/-0.01" IN RELATION TO CENTER
5. DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE.
6. SUBJECT TO CHANGE BY MANUFACTURER, DEPENDING ON DIELECTRIC CONSTANT DEVIATIONS. PLEASE CONSULT LTC.
7. FINGER AREA: GOLD PLATE TO MIN. OF 0.00003 INCHES.
PER MIL-G-45204, TYP II, CL1, GRADE C, OVER 0.0002 INCHES LOW STRESS NICKEL PER QQ-N-290, CL2.
8. SCORING FOR PANELIZED PCB:



APPROVALS

	INIT	DATE
DRAWN		
CHECK		
DESIGN	Antonina K	
ENGR	Guy Hoover	

TITLE: LTC2308CUF
8-Channel, Low Noise, 500ksps ADC

SIZE NONE
Demo Circuit 1186A REV. 2

SCALE = NONE
DES-230730
SHT 1 of 1

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

SIZE	QTY	SYM	PLTD	TOL
185	4	+	NO	+/-0.003
35	26	X	YES	+/-0.003
12	158	□	YES	+/-0.003
70	2	◇	NO	+/-0.003
63	24	⊗	YES	+/-0.003
37	32	⊗	YES	+/-0.003
40	24	†	YES	+/-0.003
94	2	†	YES	+/-0.003