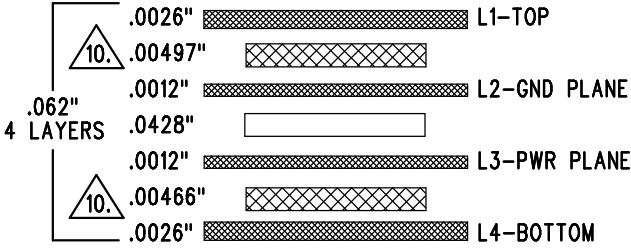


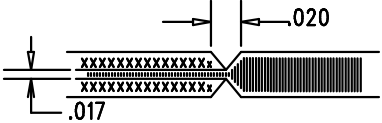
REVISION HISTORY				
ECO	REV	DESCRIPTION	APP. ENG.	DATE
-	0	1ST PROTOTYPE	D. STUETZLE	06-22-14

LAYER STRUCTURE

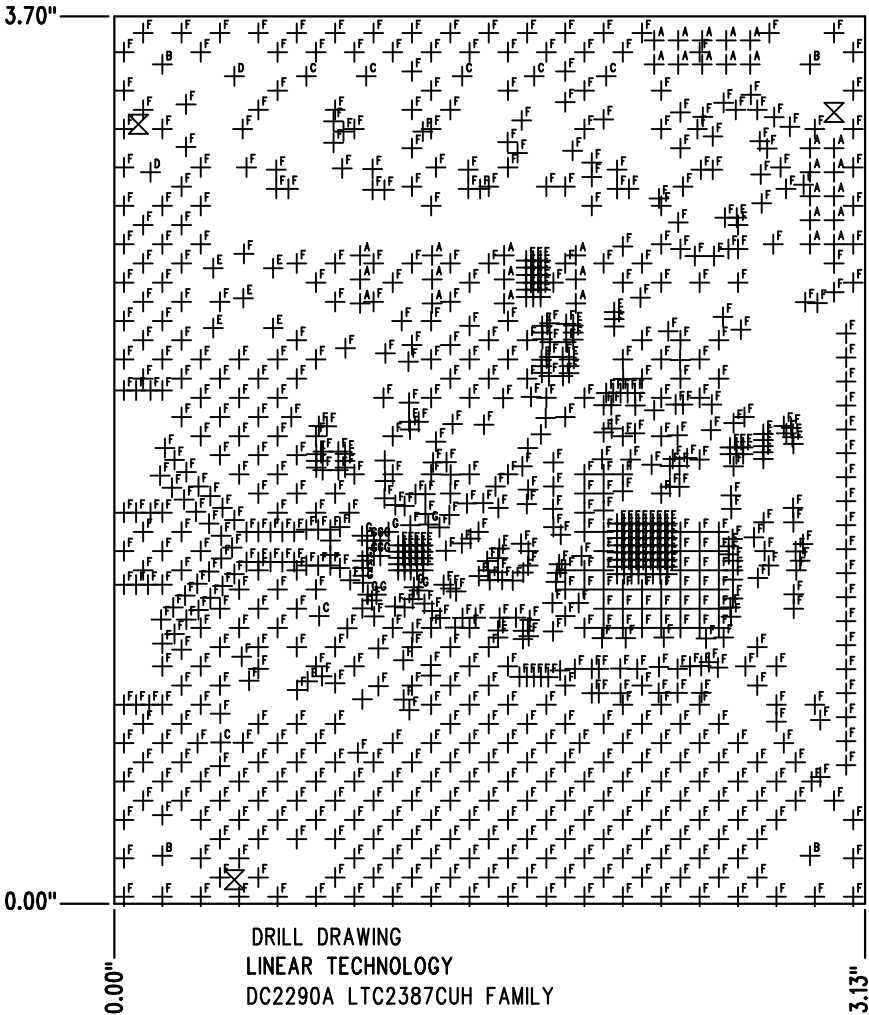


NOTES: UNLESS OTHERWISE SPECIFIED

- FAB PER IPC-A-600.
- MATERIAL: -LEAD FREE ASSEMBLY COMPLIANT, ISOLA FR-370HR OR EQUIVALENT.  
-FINISHED THICKNESS TO BE 0.062" +/- .005"  
-TOTAL OF 4 LAYERS WITH 2 OZ. CU ON THE OUTER LAYERS AND 1 OZ. CU ON THE INNER LAYERS.  
-FLAMMABILITY RATING: 94 V-0 MINIMUM.
- SIZE: CUT TO DIMENSIONS AND TOLERANCES SHOWN.  
0.00" ARE PRIMARY DATUMS.
- DRILLING: -DRILL HOLES PER SCHEDULE. PLATE THROUGH HOLES WITH COPPER, 0.001" THICK MIN.  
-ALL HOLE SIZES ARE SPECIFIED AFTER PLATING.  
-HOLE LOCATION TOLERANCES ARE +/-0.003" IN RELATION TO CENTER
- FINISH: -SMOBC USING LPI BOTH SIDES, COLOR GREEN.  
-GOLD IMMERSION BOTH SIDES.  
-FOR SILKSCREENS: USE WHITE NON-CONDUCTIVE INK.
- DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE.  
PAD SIZE CAN BE MODIFIED TO MEET END FINISH.
- PCBS ARE TO BE RoHS COMPLIANT.
- SCORING FOR PANELIZED PCB (PRODUCTION FAB ONLY):


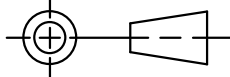


9. CONTROLLED 50 OHM +/-10% IMPEDANCE FOR LAYERS 1-2 USING 0.009" TRACE AT 2GHz FREQ.
10. SUBJECT TO CHANGE BY MANUFACTURER, DEPENDING ON DIELECTRIC CONSTANT DEVIATIONS. PLEASE CONSULT LTC.
11. FINGER AREA: GOLD PLATE TO MIN. OF 0.00003 INCHES. PER MIL-G-45204, TYP II, CL1, GRADE C, OVER 0.0002 INCHES LOW STRESS NICKEL PER QQ-N-290, CL2.



DATE: 05-27-15  
TRUE DIFFERENTIAL INPUT SAR ADC

SIZE	QTY	SYM	PLATED	TOL
0.02	17	+	YES	+/-0.003
0.07	3	⊗	NO	+/-0.003
0.035	32	+ <sup>A</sup>	YES	+/-0.003
0.19	4	+ <sup>B</sup>	NO	+/-0.003
0.063	7	+ <sup>C</sup>	YES	+/-0.003
0.094	2	+ <sup>D</sup>	YES	+/-0.003
0.055	5	+ <sup>E</sup>	YES	+/-0.003
0.012	946	+ <sup>F</sup>	YES	+/-0.003
0.006	17	+ <sup>G</sup>	YES	+/-0.003

UNLESS OTHERWISE SPECIFIED		APPROVALS		 <div>1630 MCCARTHY BLVD MILPITAS, CA 95035 PH: (408)432-1900 www.linear.com LTC CONFIDENTIAL- FOR CUSTOMER USE ONLY</div>	
DIMENSIONS ARE IN INCHES TOLERANCES: 0.XX" = ±0.01" 0.XXX" = ±0.005" INTERPRET DIM AND TOL PER ASME Y14.5M-1994 THIRD ANGLE PROJECTION		PCB DES.	D. STUETZLE		
		APP ENG.	D. STUETZLE	TITLE: FABRICATION DRAWING	
				TRUE DIFFERENTIAL INPUT SAR ADC	
				SIZE N/A	IC NO. LTC2387CUH FAMILY DEMO CIRCUIT 2290A
		SCALE = NONE		REV 2	
FILENAME: DC2290A.PCB				SHT 1 OF 1	