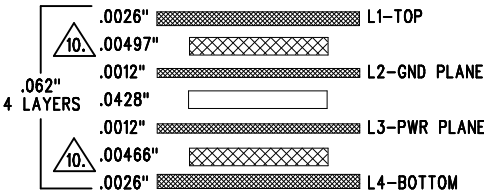


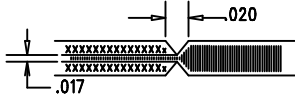
REVISION HISTORY				
ECO	REV	DESCRIPTION	APP. ENG.	DATE
-	0	1ST PROTOTYPE	D. STUETZLE	06-22-14

LAYER STRUCTURE

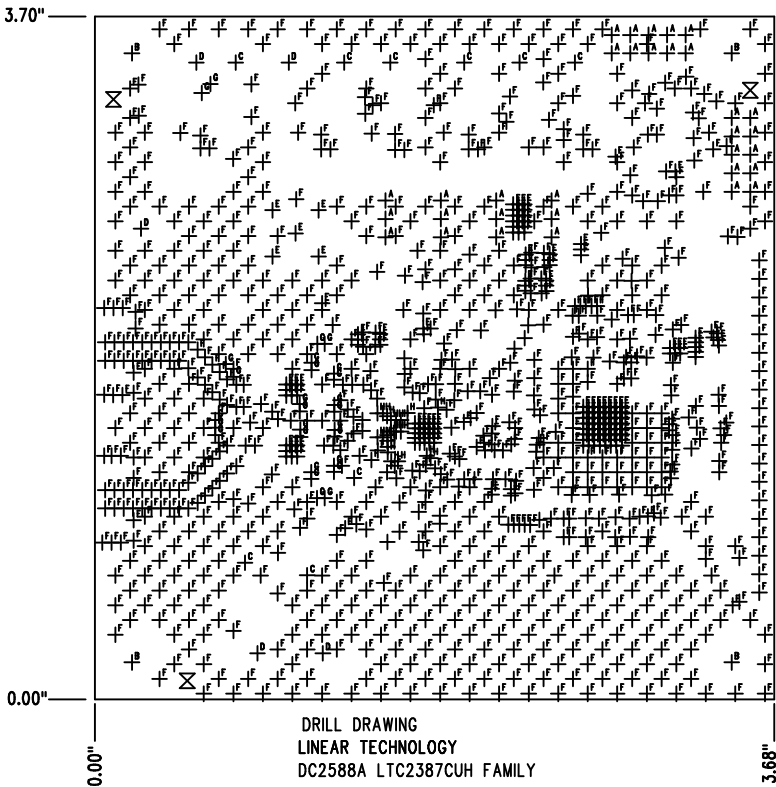


NOTES: UNLESS OTHERWISE SPECIFIED

- 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):


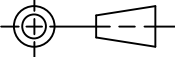


9. CONTROLLED 50 OHM +/-10% IMPEDANCE FOR LAYERS 1-2 USING 0.009" TRACE AT 2GHz FREQ.
10. SUBJECT TO CHANGE BY MANUFACTURER, DEPENDING ON DIELECTRIC CONSTANT DEVIATIONS. PLEASE CONSULT LTC.



DRILL DRAWING
LINEAR TECHNOLOGY
DC2588A LTC2387CUH FAMILY
DATE: 08-12-16
TRUE DIFFERENTIAL INPUT SAR ADC + DRIVER AMP

SIZE	QTY	SYM	PLATED	TOL
0.02	17	+	YES	+/-0.003
0.07	3	⊗	NO	+/-0.003
0.035	32	+ ^A	YES	+/-0.003
0.19	4	+ ^B	NO	+/-0.003
0.063	9	+ ^C	YES	+/-0.003
0.094	5	+ ^D	YES	+/-0.003
0.055	5	+ ^E	YES	+/-0.003
0.012	1082	+ ^F	YES	+/-0.003
0.018	27	+ ^G	YES	+/-0.003
0.006	21	+ ^H	YES	+/-0.003

UNLESS OTHERWISE SPECIFIED		APPROVALS		 <div>1630 MCCARTHY BLVD MILPITAS, CA 95035 PH: (408)432-1800 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 + DRIVER AMP	
				SIZE	IC NO.
				N/A	LTC2387CUH FAMILY
					DEMO CIRCUIT 2588A
SCALE = NONE		FILENAME: DC2588A.PCB		REV	
				SHT 1 OF 1	