

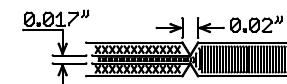
REVISION HISTORY			
REV	DESCRIPTION	APPROVED	DATE
3	PRODUCTION	GUY H.	04-10-12

## LAYER STRUCTURE

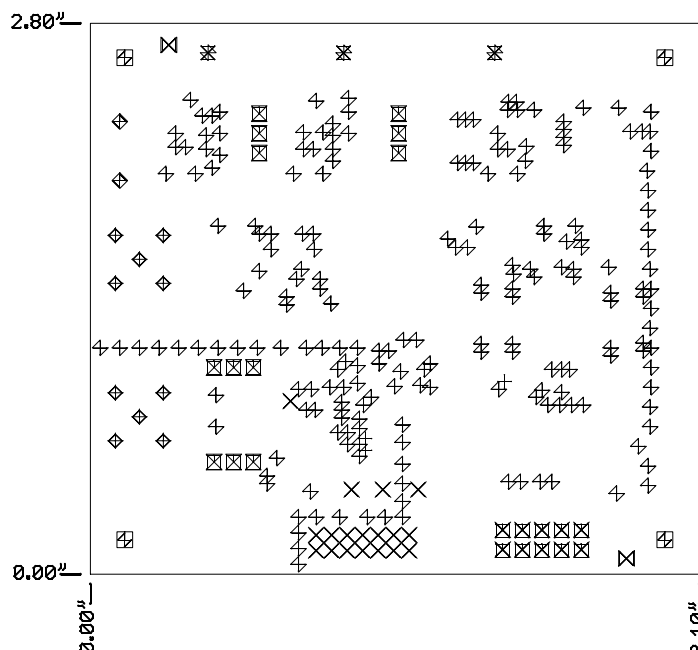
0.062" +/-0.005"	10	0.0026"	L1-TOP
	10	0.0157"	L2-GND PLANE
		0.0012"	
		0.0210"	L3-PWR PLANE
		0.0012"	
		0.0157"	L4-BOTTOM
		0.0026"	

## NOTES: UNLESS OTHERWISE SPECIFIED


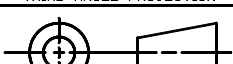
- FAB PER IPC-A-600.
- MATERIAL: LEAD FREE ASSEMBLY COMPLIANT, ISOLA FR-370HR OR EQUIVALENT.  
FINISHED THICKNESS TO BE 0.062" +/-0.005"  
4-LAYER BOARD, 2 OZ. CU ON OUTER LAYERS,  
1 OZ. CU ON INNER LAYERS.  
FLAMMABILITY RATING: 94 V-2 MINIMUM.
- SIZE: CUT TO DIMENSIONS AND TOLERANCES SHOWN.  
0.00" ARE PRIMARY DATUMS.
- FINISH: SMOBC USING LPI BOTH SIDES, COLOR GREEN.  
GOLD IMMERSION.  
SILKSCREEN: WHITE NON-CONDUCTIVE EPOXY INK.
- DRILL: PLATE THRU ALL HOLES WITH COPPER, 0.001" THICK MIN.  
ALL HOLES SHALL BE DRILLED +/-0.003" WITH  
RESPECT TO CTR. OF DRILLED PAD.  
ALL HOLES FINISHED SIZE AFTER PLATING.
- DROP ALL UNUSED PADS ON INNER LAYERS.
- 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:



10 SUBJECT TO CHANGE BY MANUFACTURE, DEPENDING ON DIELECTRIC CONSTANT DEVIATIONS. PLEASE CONSULT LTC.



SYM	MILS	QTY	PLATED	TOL
+	12	208	YES	3MILS
X	35	28	YES	3MILS
□	40	12	YES	3MILS
◇	55	10	YES	3MILS
×	64	3	YES	3MILS
⊗	70	2	NO	3MILS
↗	94	2	YES	3MILS
↘	188	4	YES	3MILS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON ANGLE --- 2 PLACES --- 3 PLACES --- INTERPRET DIM AND TOL PER ASME Y14.4M-1994	CONTRACT NO.		 <b>LINEAR</b> TECHNOLOGY		1630 McCARTHY BLVD MILPITAS, CA 95035 TEL: (408) 432-1900 FAX: (408) 434-0507 LTC CONFIDENTIAL-FOR CUSTOMER USE ONLY			
	APPROVALS	DATE					TITLE: FAB DWG	
	PCB DES.	KIM T.	04-10-12	12/14-BIT HIGH SPEED SAR ADC				
	ENG.	BUY H.	04-10-12					
	THIRD ANGLE PROJECTION							
				SIZE	IC NO.	LTC23XXCTS8 FAMILY	REV.	
				A		DEMO CIRCUIT 1563A	3	
DO NOT SCALE DRAWING	4/10/2012 2:16:32 PM		SCALE: NONE		FILENAME: DC1563A-3		SHEET 1 OF 1	