



TOP SILKSCREEN  
 LINEAR TECHNOLOGY  
 DC2583A-1 LT4294IDD LT4321IUF  
 IEEE 802.3bt POWERED DEVICE

REVISION HISTORY				
ECO	REV	DESCRIPTION	APP. ENG.	DATE
-	2	PRODUCTION	KAUNG H.	1-18-17

# NOTES: UNLESS OTHERWISE SPECIFIED

1. WORKMANSHIP SHALL BE IN ACCORDANCE WITH IPC-A-610.
2. ASSEMBLY PROCESS SHALL INCLUDE: REFLOW SOLDER TOP SIDE SMD. MAXIMUM SOLDER TEMPERATURE IS 240 DEGREES CELSIUS.
3. PARTS TO OMIT WILL BE SPECIFIED ON THE BILL OF MATERIALS. LOCATIONS OF OMITTED PARTS SHALL BE FREE OF SOLDER. MASK THE SOLDER STENCIL WHERE SMT PARTS ARE OMITTED.
4. INSTALL SHUNTS ON JP1 AND JP2
5. DEPANELIZE BOARDS AFTER ASSEMBLY AND ROUTE-OUT THE BREAKOUT TABS ON FOUR SIDES OF THE BOARD EDGE.
6. DO NOT APPLY ANY KIND OF ASSEMBLY STAMP OR QA STAMP TO ANY BOARD.
7. INSTALL D3 AS SHOWN BELOW:



8 DO NOT BREAK THIS SCORE LINE.

APPROVALS		<div>           1630 MCCARTHY BLVD            MILPITAS, CA 95035            PH: (408)432-1900            www.linear.com            LTC CONFIDENTIAL-            FOR CUSTOMER USE ONLY         </div>		
PCB DES.	KAUNG H.			
APP ENG.	KAUNG H.	TITLE: TOP ASSEMBLY DRAWING		
		IEEE 802.3bt POWERED DEVICE		
		SIZE	IC NO. LT4294IDD, LT4321IUF	REV.
		N/A	DEMO CIRCUIT 2583A	2
SCALE = NONE		FILENAME: DC2583A-2.PCB		SHT 1 OF 2