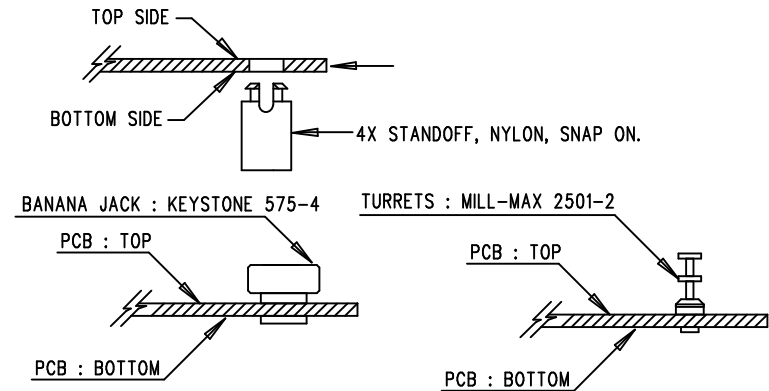



REVISION HISTORY				
ECO	REV	DESCRIPTION	APP. ENG.	DATE
-	3	PRODUCTION	JESUS R.	12-06-10

## 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 AS SHOWN ON ASSY DRAWING.
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 4 STANDOFFS AT 4 LOCATIONS AS SHOWN BELOW:



APPROVALS		 <div> 1630 MCCARTHY BLVD  MILPITAS, CA 95035  PH: (408)432-1900  www.linear.com  LTC CONFIDENTIAL-  FOR CUSTOMER USE ONLY </div>		
PCB DES.	A.K.			
APP ENG.	JESUS R.	TITLE: TOP ASSEMBLY DRAWING		
		TWO BOOST REGULATORS IN PARALLEL		
		SIZE	IC NO. LT3579EFE-1, LT3579EFE	REV.
		N/A	DEMO CIRCUIT 1661A	3
SCALE = NONE		FILENAME:	DC1661A-3.PCB	SHT 1 OF 1

## LT3579EFE-1, LT3579EFE TWO BOOST REGULATORS IN PARALLEL DEMO CIRCUIT 1661A

OUTPUT

JP1 ☐ ON  
☐ OFF

R6  
R1

J1  
VIN  
5V-10V

GND

J2

CLKOUT

E3

SYNC

E4

R8

VOUT  
12V, 3.5A

E1

GND

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TOP SILKSCREEN  
LINEAR TECHNOLOGY  
DC1661A-3-LT3579EFE-1, LT3579EFE  
TWO BOOST REGULATORS IN PARALLEL  
DATE: 12-06-10