


**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 deg C.
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 SHUNT 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.

APPROVALS		 <b>LINEAR</b> TECHNOLOGY		1630 MCCARTHY BLVD MILPITAS, CA 95035 PH: (408)432-1900 <a href="http://www.linear.com">www.linear.com</a> LTC CONFIDENTIAL FOR CUSTOMER USE ONLY	
PCB DES.		TITLE: TOP ASSEMBLY DRAWING  60W, 36V-72VIN TO 12V/5A  SYNCHRONOUS FLYBACK CONVERTER			
APP ENG.					
		SIZE	IC NO.	LT8309ES/LT3748EMS	REV
		N/A		DEMO CIRCUIT 1961A	2
SCALE = NONE		FILENAME: 1961A-Rev2.PCB			SHT 1 OF 2