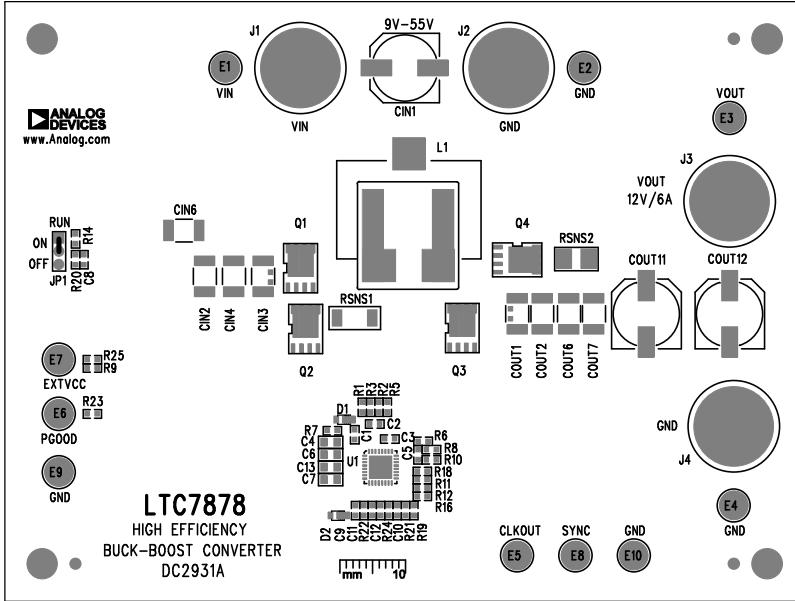


REVISION HISTORY				
ECO	REV	DESCRIPTION	APPR	DATE
-	3	PRODUCTION	GORAN P.	03-30-22

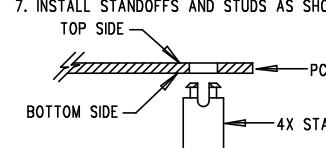


**LTC7878**  
HIGH EFFICIENCY  
BUCK-BOOST CONVERTER  
DC2931A

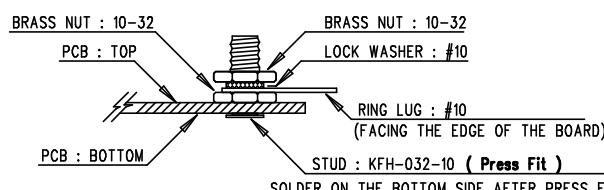
TOP SILKSCREEN      ANALOG DEVICES  
DC2931A-3 DATE: 03-30-22

**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 STANDOFFS AND STUDS AS SHOWN BELOW:



TOP SIDE      BOTTOM SIDE      4X STANDOFF, NYLON, SNAP ON.

BRASS NUT : 10-32      BRASS NUT : 10-32  
 PCB : TOP      PCB : BOTTOM      LOCK WASHER : #10  
 RING LUG : #10  
 (FACING THE EDGE OF THE BOARD)  
 STUD : KFH-032-10 (Press Fit)  
 SOLDER ON THE BOTTOM SIDE AFTER PRESS FIT

APPROVALS	
PCB DES.	AN
APP ENG.	GORAN P.
SIZE N/A	IC NO. LTC7878AUH DC2931A
SCALE = NONE	FILENAME: DC2931A-3.PCB

**ANALOG  
DEVICES**

TITLE: TOP ASSEMBLY DRAWING  
HIGH EFFICIENCY BUCK-BOOST CONVERTER

REV. 3