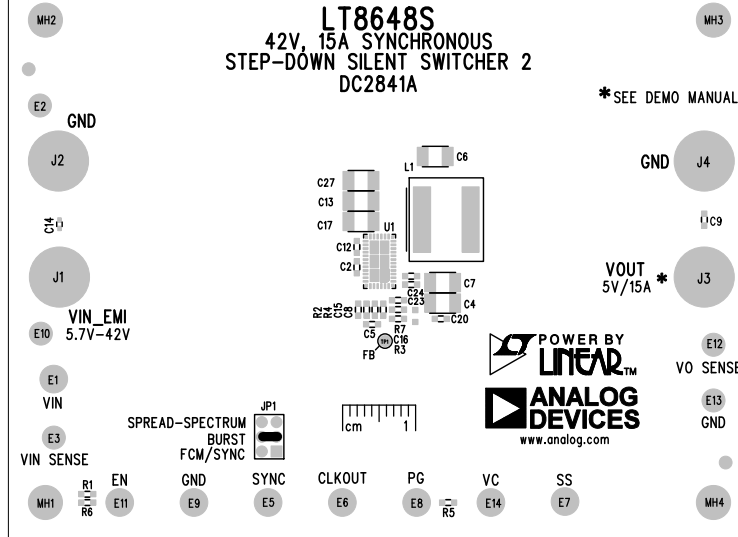


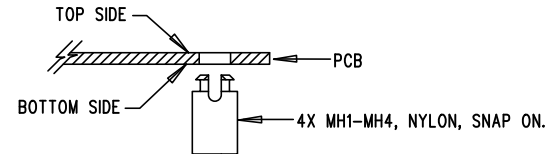
LT8648S
42V, 15A SYNCHRONOUS
STEP-DOWN SILENT SWITCHER 2
DC2841A

*SEE DEMO MANUAL

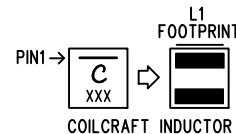
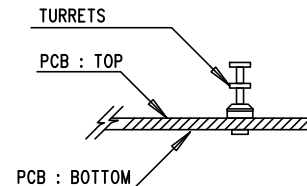




NOTES: UNLESS OTHERWISE SPECIFIED

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 AS SHOWN BELOW:



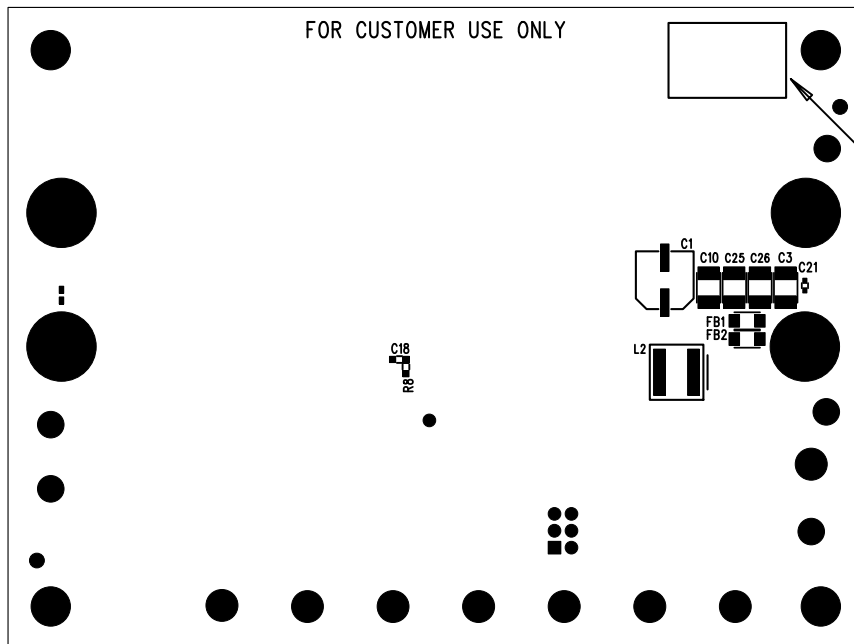
8. INSTALL TURRETS AND BANANAS AS SHOWN BELOW:



 ANALOG DEVICES		 POWER BY LINEAR™	
www.analog.com			
TITLE: TOP ASSEMBLY DRAWING			
42V, 15A SYNCHRONOUS STEP-DOWN SILENT SWITCHER 2			
SIZE N/A	IC NO.	LT8648SEV DC2841A	REV. 3
			SHT 1 OF 2

FOR CUSTOMER USE ONLY

DEMO BOARD SERIAL NUMBER LABEL



TITLE: BOTTOM ASSEMBLY DRAWING

42V, 15A SYNCHRONOUS
STEP-DOWN SILENT SWITCHER 2

SIZE	IC NO.	REV
N/A	LT8648SEV DC2841A	3

SHT 2 of 2