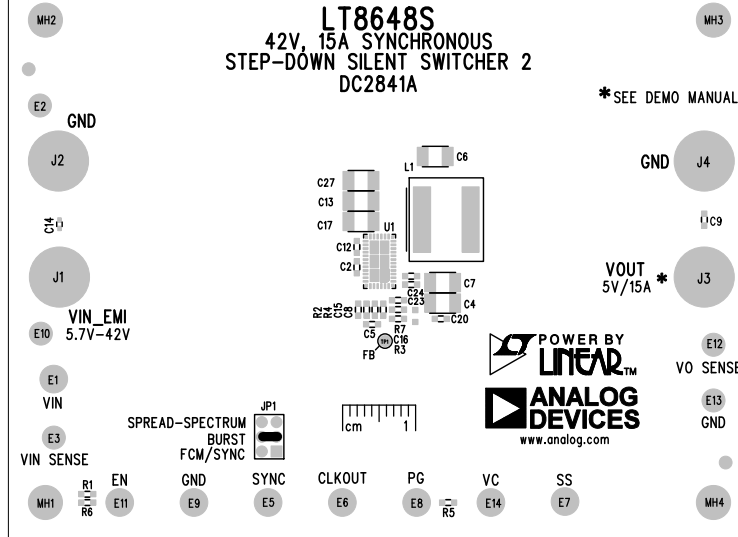


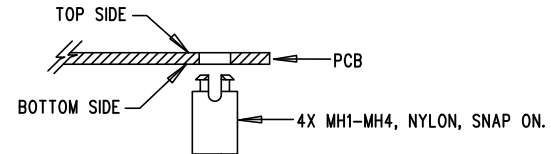
**LT8648S**  
**42V, 15A SYNCHRONOUS**  
**STEP-DOWN SILENT SWITCHER 2**  
**DC2841A**

\*SEE DEMO MANUAL

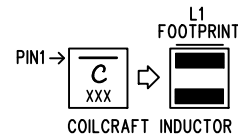
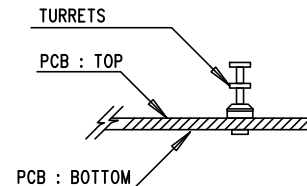




**NOTES: UNLESS OTHERWISE SPECIFIED**

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:



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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