

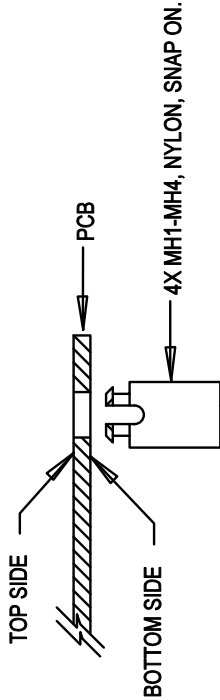
LT8612
42V, 6A MICROPOWER SYNCHRONOUS
STEP-DOWN REGULATOR
DEMO CIRCUIT 2010A



(408) 432-1900
www.linear.com

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:



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TITLE: TOP ASSEMBLY DRAWING
42V, 6A MICROPOWER SYNCHRONOUS
STEP-DOWN REGULATOR

SIZE	IC NO.	REV.
N/A	LT8612EUDE	3
FILENAME:	DC2010A-3.PCB	SHT 1 OF 2