

NOTES (UNLESS OTHERWISE SPECIFIED):

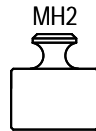
- 1- ALL SMD CAPACITORS ARE 16V.
- 2- ALL SMD CAPACITORS AND RESISTORS ARE 0603.
- 3- CUT TRACE TO DISCONNECT EXTVCC FROM VOUT AND SUPPLY EXTVCC THROUGH TP20.

CUSTOMER NOTICE		APPROVALS		LINEAR TECHNOLOGY		1630 McCarthy Blvd. Milpitas, CA 95035 Phone: (408)432-1900 www.linear.com Fax: (408)434-0507 LTC Confidential-For Customer Use Only	
LINEAR TECHNOLOGY HAS MADE A BEST EFFORT TO DESIGN A CIRCUIT THAT MEETS CUSTOMER-SUPPLIED SPECIFICATIONS; HOWEVER, IT REMAINS THE CUSTOMER'S RESPONSIBILITY TO VERIFY PROPER AND RELIABLE OPERATION IN THE ACTUAL APPLICATION. COMPONENT SUBSTITUTION AND PRINTED CIRCUIT BOARD LAYOUT MAY SIGNIFICANTLY AFFECT CIRCUIT PERFORMANCE OR RELIABILITY. CONTACT LINEAR TECHNOLOGY APPLICATIONS ENGINEERING FOR ASSISTANCE.				PCB DES: S.M.		TITLE: SCHEMATIC	
THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.				APP ENG: MEHDI A.		80V / 48V Synchronous Buck-Boost Controller	
				SCALE = NONE		SIZE: N/A	
				DATE: Wednesday, July 02, 2014		IC NO. LT8705EUHF DEMO CIRCUIT 1924A	
						REV. 2	
						SHEET 1 OF 2	

BOARD STANDOFF HARDWARE



MH1

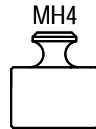


MH2

NYLON STACKING SPACER #4 0.5" NYLON STACKING SPACER #4 0.5"



MH3



MH4

NYLON STACKING SPACER #4 0.5" NYLON STACKING SPACER #4 0.5"

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APPROVALS

PCB DES.	S. M.
APP ENG.	MEHDI A.

SCALE = NONE



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TITLE: SCHEMATIC

80V / 48V Synchronous Buck-Boost Controller

SIZE N/A	IC NO. LT8705EUHF DEMO CIRCUIT 1924A	REV. 2
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DATE: Friday, July 11, 2014

SHEET 2 OF 2