



## VERSION TABLE \*

ASSEMBLY TYPE	U1	C6	L1	VOUT
DC2297A-A	LT8570EDD	4.7uF	33uH	12V / 125mA
DC2297A-B	LT8570-1EDD	2.2uF	68uH	12V / 60mA

## NOTE: UNLESS OTHERWISE SPECIFIED

- ALL RESISTORS ARE 0402.  
ALL CAPACITORS ARE 0402.

## CUSTOMER NOTICE

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.

THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.



1630 McCarthy Blvd.  
Milpitas, CA 95035  
Phone: (408)432-1900 www.linear.com  
Fax: (408)434-0507  
LTC Confidential-For Customer Use Only

TITLE: SCHEMATIC

## BOOST REGULATOR

SIZE	IC NO.	REV.
N/A	LT8570EDD/LT8570-1EDD DEMO CIRCUIT 2297A	1
DATE:	Thursday, November 13, 2014	SHEET 1 OF 1