**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.

**APPROVALS**

**TITLE:** SCHEMATIC

**PROPERTY OF LINEAR TECHNOLOGY**

1630 McCarthy Blvd.
Milpitas, CA 95035

Phone: (408)432-1900  www.linear.com
Fax: (408)434-0507

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**SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.**

**SCALE = NONE**

**DATE:** Wednesday, December 22, 2010

**SHEET 1 OF 1**

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**NOTE:** UNLESS OTHERWISE SPECIFIED

1. ALL RESISTORS ARE IN 0402
   ALL CAPACITORS ARE IN 0402
   INSTALL SHUNTS AS SHOWN.

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**VERY LOW VIN STEP-UP CONVERTER**

WITH MAXIMUM POWER POINT CONTROL AND LDO

**REV.** 2

**IC NO.** N/A

**DEMO CIRCUIT 1587A**

**LTC3105EDD**

**ECO** 2

**REV** PRODUCTION

**APPROVED** FRAN H.

**DATE** 04-01-10