**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.

1. **NOTE: UNLESS OTHERWISE SPECIFIED**

   1. ALL RESISTORS ARE IN OHMS, 0402
   2. ALL CAPACITORS ARE IN MICROFARADS, 0603.

18V, 2A Buck-Boost DC/DC Converter with Low-Loss Dual Input PowerPath

**APPROVALS**

- **TITLE:** SCHEMATIC
- **IC NO.:** LTC3118EUF
- **REV.:** 2
- **DATE:** 10-3-14