


*** Note:**

C10 and C12 are optional matching components, and they are not installed on standard demo boards. For lower frequency custom demo boards, C10 and C12 can be soldered directly onto the exposed traces to achieve proper impedance matching.

| CUSTOMER NOTICE | | CONTRACT NO. | |  | | 1630 McCarthy Blvd. Milpitas, CA 95035 Phone: (408)432-1900 Fax: (408)434-0507 | |
|--|--|---------------|--|---|--|--|--|
| <p>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.</p> <p>THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.</p> | | APPROVALS | | DATE | | <p>TITLE</p> <p>LTC5575EUF WIDE RANGE I/Q RECEIVER (1.5GHz to 2.7GHz Direct Conversion I/Q Receiver)</p> | |
| | | DRAWN June Wu | | 1/17/06 | | | |
| | | CHECKED | | | | <p>REV</p> <p>A</p> | |
| | | APPROVED | | | | | |
| ENGINEER V. Dvokin | | 1/17/06 | | FILENAME: | | SHEET 1 OF 1 | |
| DESIGNER | | | | Friday, February 16, 2007 | | | |