**REVISION HISTORY** PROPRIETARY DATA: ECO REV DATE **APPROVED** This circuit is proprietary to Linear Technology and supplied for use with DESCRIPTION Linear Technology parts. 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. J1 LO IN C4 OPT 9 9 9 9 L1 GND NC 82nH U1 - C3 NC LT5527EUF \_2.7pF L2 RF J3 IF OUT C5 OPT 82nH NC GND EXPOSED GND PAD

O O

Z O O O

J O O (4:1)240MHz Ш TP2 -O VCC 4.5V to 5.25V C1 C2 -O GND UNLESS OTHERWISE SPECIFIED CONTRACT NO. 1630 McCarthy Blvd. Milpitas, CA 95035 Phone: (408)432-1900 DIMENSIONS ARE IN INCHES TOLERANCE ON ANGLE - - -2 PLACES - - - 3 PLACES - - -**APPROVALS** DATE Fax: (408)434-0507 INTERPRET DIM AND TOL DRAWN JUNE WU 8/20/04 PER ASME Y14.5M -1994 TITLE CHECKED THIRD ANGLE PROJECTION LT5527EUF, HIGH LINEARITY DOWNCONVERTING MIXER APPROVED ENGINEER VLAD D. 8/20/04 CAGE CODE SIZE **DWG NO REV** DESIGNER -DC795A Α Α DO NOT SCALE DRAWING SCALE:NONE FILENAME: 795A.DSN SHEET Friday, August 20, 2004 OF