NOTE: UNLESS OTHERWISE SPECIFIED

1. ALL RESISTORS ARE IN OHMS, 0402.
   ALL CAPACITORS ARE 0402.

2. ALL DNC PINS ON U1 ARE FOR LINEAR USE ONLY.

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. SCALE = NONE

ASSY U1 FREQ. T3, T4 R3, R4 R13,R14,R17,R18 J8 J10
-A LTC6430IUF-15 100-300 MHz ADT2-1T+ 0 OHM OPT STUFF OPT
-B LTC6430IUF-15 400-1000 MHz ADTL2-18 0 OHM OPT STUFF OPT
-C LTC6431IUF-15 100-1200 MHz OPT OPT 0 OHM OPT STUFF

ASSY C2,C4 C5 C9 C14,C15 C23 L2 R1
-A 1000pF, 0402 1000pF, 0603 62pF 1000pF, 0402 0.1uF 560nH 348
-B 1000pF, 0402 1000pF, 0603 62pF 1000pF, 0402 0.1uF 560nH 348
-C OPT OPT OPT OPT OPT OPT OPT

DEMO CIRCUIT 1774A

THIS IS A UNIVERSAL PCB, DESIGNED TO ACCOMMODATE MULTIPLE VERSIONS OF THE IC. REFER TO SIMPLIFIED SCHEMATIC IN FIGURE 3 OF DC1774A DEMO MANUAL.