



VERSION TABLE \*

| ASSEMBLY TYPE | VIN        | VOUT         | D1       | D2       | C1       | C7    | L1       | L2       | R2   | R4    |
|---------------|------------|--------------|----------|----------|----------|-------|----------|----------|------|-------|
| DC2449A-A     | 3V - 10V   | 12V / 275mA  | DFLS230L | NOT USED | NOT USED | 4.7pF | SD25-1R2 | NOT USED | 1.5M | 154K  |
| DC2449A-B     | 4.5V - 13V | -12V / 350mA | NOT USED | DFLS230L | 1uF, 25V | 10pF  | SD25-3R3 | SD25-3R3 | 665K | 71.5K |

NOTE: UNLESS OTHERWISE SPECIFIED

ALL RESISTORS ARE 0603.  
ALL CAPACITORS ARE 0603.

### 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.



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TITLE: SCHEMATIC

2A, 2MHz LOW IQ BOOST/INVERTING CONVERTER

|             |  |           |
|-------------|--|-----------|
| SIZE<br>N/A | IC NO.<br>LT8335EDDB<br>DEMO CIRCUIT 2449A | REV.<br>2 |
|-------------|--|-----------|

THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.

DATE: Monday, June 27, 2016 SHEET 1 OF 1