



**** FOR ASSEMBLY**

| VERSIONS | +VIN | +VOUT |
|----------|------------|-------------------------|
| - A | 34V - 75V | 3.3V @ 30A |
| - B | 18V - 72V | 5V @ 25A |
| - C | 18V - 72V | 12V @ 8A |
| - D | 18V - 72V | 24V @ 4A |
| - E | 36V - 72V | 5V @ 12A |
| - F | 9V - 36V | 3.3V @ 20A (5V @ 15A) * |
| - G | 9V - 36V | 12V @ 5A (18V @ 4A) * |
| - H | 9V - 36V * | 48V @ 1.5A |

NOTES: UNLESS OTHERWISE SPECIFIED

- ALL RESISTORS ARE 0603.
- ALL CAPACITORS ARE 0603.

* SEE QUICK START GUIDE.

| CUSTOMER NOTICE | | CONTRACT NO. | | APPROVALS | | DATE | |
|---|--|--------------|--|--|-----------|---------|--------|
| 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. | | | | DRAWN | | 7/28/09 | |
| | | | | ENGINEER | | 7/28/09 | |
| | | | | CHECKED | | | |
| | | | | APPROVED | | | |
| LINEAR TECHNOLOGY 1630 McCarthy Blvd. Milpitas, CA 95035 Phone: (408)432-1900 Fax: (408)434-0507 | | | | TITLE LT1952EGN-1, LT4430ES6 ISOLATED FORWARD DC/DC CONVERTER | | | |
| | | | | SIZE | CAGE CODE | DWG NO | REV |
| | | | | DC1317A-G | | A | |
| Wednesday, July 29, 2009 | | | | SCALE: | FILENAME: | SHEET | 1 OF 1 |