



Unless noted:  
 Resistors: Ohms, 0402, 1%, 1/16W  
 Capacitors: uF, 0402, 10%, 50V

**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.

|                        |  |
|------------------------|--|
| CONTRACT NO.           |  |
| APPROVALS              |  |
| DRAWN: G. Barbehenn    |  |
| CHECKED:               |  |
| APPROVED:              |  |
| ENGINEER: G. Barbehenn |  |
| DESIGNER:              |  |

|                  |                             |   |         |
|------------------|-----------------------------|---|---------|
|                  |                             | 1630 McCarthy Blvd.<br>Milpitas, CA 95035<br>Phone: (408)432-1900<br>Fax: (408)434-0507<br>LTC Confidential-For Customer Use Only   |         |
|                  |                             | TITLE: SCHEMATIC<br><b>LTC3553EPD: Micropower USB Power Manager<br/>         with Li-Ion Charger, Buck DC/DC, and LDO Regulator</b> | DWG NO. |
| SIZE<br><b>X</b> | DATE: Friday, July 24, 2009 | SHEET 1 OF 1  |         |