D3 is recommended for \( \text{Vin} > 4.5\text{V} \).
Please refer to the datasheet for details.

CUSTOMER NOTICE
LINEAR TECHNOLOGY HAS MADE A BEST EFFORT TO DESIGN A CIRCUIT THAT MEETS CUSTOMER-SUPPLIED SPECIFICATIONS; HOWEVER, IT REMAINS THE CUSTOMERS' 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.

NOTES: UNLESS OTHERWISE SPECIFIED
1. ALL RESISTORS ARE IN OHMS, 0402.
ALL CAPS. ARE 0402.
2. INSTALL SHUNTS ON JP1 AND JP2 PIN 2 AND 3.

<table>
<thead>
<tr>
<th>VIN</th>
<th>IOUT</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.5V</td>
<td>540mA</td>
</tr>
<tr>
<td>2.7V</td>
<td>600mA</td>
</tr>
</tbody>
</table>

DC797A-1*LTC3440EDD
1MHz SYNCHRONOUS BUCK-BOOST IN 3mm X 3mm DFN

Friday, August 20, 2004