NOTES: UNLESS OTHERWISE SPECIFIED

1. DC338B IS CONFIGURED AS A 4TH ORDER, 25.6 kHz, LPF
2. ALL CAP. AND RESISTORS ARE IN 0805 PACKAGE.

<table>
<thead>
<tr>
<th>ASSY TYPE</th>
<th>U1</th>
</tr>
</thead>
<tbody>
<tr>
<td>-A</td>
<td>LTC1563-2</td>
</tr>
<tr>
<td>-B</td>
<td>LTC1563-3</td>
</tr>
</tbody>
</table>

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.

E2 - 100K 0.1% 10UF 1206
E3 - U1 *
E4 - V+ 10K 0.1% V-
E5 - V+ GND
E6 - GND
E7 - VOUT
GND - JS3 0 100K 0.1% V-
GND - RS1 0 100K 0.1% V-
SINGLE SUPPLY

HIGH SPEED
LOW PWR

VIN 0 RA1 0 RB1 0 RS1 0 R21 100K 0.1% C6 10UF 1206
C1 0.1UF TP1 LPA
C3 0.1UF SHDN
R31 100K 0.1% C11 OPT
C12 OPT

V+ 10UF 1206
V- 0
V+ GND
V- GND

V+ 2.7V to 5.5V
V- -2.7V to -5.5V
V+ V-