* VERSION TABLE

<table>
<thead>
<tr>
<th>VERSION</th>
<th>Battery Voltages</th>
<th>U1</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC530A-A</td>
<td>4.1V</td>
<td>LTC4050EMS-4.1</td>
</tr>
<tr>
<td>DC530A-B</td>
<td>4.2V</td>
<td>LTC4050EMS-4.2</td>
</tr>
</tbody>
</table>

**Diagram Description**

- **U1** is the LTC4050EMS Li-Ion Battery Charger with NTC.
- **D1** is an MBRM120LT3 diode.
- **D2** and **D3** are GRN and RED diodes, respectively.
- **R1** is a 0.15Ω 1/4W resistor.
- **R2** is a 18.7KΩ resistor.
- **R3** and **R4** are 330Ω resistors.
- **C1** is a 1uF 16V capacitor.
- **C2** is a 4.7uF 6.3V capacitor.
- **C3** is a 0.1uF 16V capacitor.
- **C4** is a 4.7uF 6.3V capacitor.
- **C5** is a 0.1uF 16V capacitor.
- **C6** is a 0.1uF 16V capacitor.

**Version Notes**

- DC530A-A: 4.1V - LTC4050EMS-4.1
- DC530A-B: 4.2V - LTC4050EMS-4.2

**Title**

LTC4050EMS, Li-Ion Battery Charger with NTC

**Approval Details**

- **Drawn by**: June Wu (4/30/02)
- **Checked by**: Fran Hoffart (4/30/02)
- **Approved by**: (Blank)

**Contact Information**

1630 McCarthy Blvd.
Milpitas, CA 95035
Phone: (408)432-1900
Fax: (408)434-0507