The design shown is for a 48V battery with gauge and high side switching. The input voltage is 18 - 50 V and the output voltage is 0 - 60 V. The design includes components such as capacitors (C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16), resistors (R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16), and other passive components as labeled in the diagram.

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48V battery with gauge and high side switching

Variant/Label Table

<table>
<thead>
<tr>
<th>Variant</th>
<th>Label Text</th>
</tr>
</thead>
<tbody>
<tr>
<td>001</td>
<td>15cell</td>
</tr>
<tr>
<td>002</td>
<td>12cell</td>
</tr>
<tr>
<td>003</td>
<td>12cell-1FET</td>
</tr>
<tr>
<td>004</td>
<td>12cell-wake</td>
</tr>
<tr>
<td>005</td>
<td>12cell-key</td>
</tr>
</tbody>
</table>

Assembly Notes:

- **ZZ1**: This Assembly Note is for PCB labels only.
- **ZZ2**: These assemblies are ESD sensitive, ESD precautions shall be observed.
- **ZZ3**: These assemblies must be clean and free from flux and all contaminants. Use of no clean flux is not acceptable.
- **ZZ4**: These assemblies must comply with workmanship standards IPC-A-610 Class 2, unless otherwise specified.
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