Precise, Reliable, High Brightness LED Driver ICs

For Constant LED Current Regulation

IR’s high-brightness LED driver ICs, adapt and compensate to LED parameter variations to enable a highly accurate and inherently stable design.

**Features**
- 200V or 600V control IC in compact 8-pin DIP or SO package
- Incorporates continuous mode, time-delayed hysteretic buck regulator
- External high-side bootstrap circuit delivers frequencies up to 500kHz
- Micro-power startup of less than 500µA
- 140ns deadtime for continuous current regulation
- Auto restart, non-latched shutdown and PWM dimmable capability

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Package</th>
<th>Voltage</th>
<th>Load Current Regulation</th>
<th>Micro-power Start-up</th>
<th>Deadtime</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>IRS25401PbF</td>
<td>DIP8, S08</td>
<td>200V</td>
<td>+/-5%</td>
<td>&lt;500µA</td>
<td>140ns</td>
<td>&lt;500kHz</td>
</tr>
<tr>
<td>IRS25411PbF</td>
<td>DIP8, S08</td>
<td>600V</td>
<td>+/-5%</td>
<td>&lt;500µA</td>
<td>140ns</td>
<td>&lt;500kHz</td>
</tr>
</tbody>
</table>

for more information call 1.800.981.8699 or visit us at www.irf.com