Continuous Conduction Mode Power Factor Correction IC

Output Power vs Efficiency

Output Power vs Power Factor

Product Highlights
- High efficiency over the whole load range
- Lowest count of external components
- Accurate and adjustable switching frequency
- Bulk voltage good signal for inrush relay control or PWM IC enabling
- Integrated digital voltage loop compensation
- Fast output dynamic response during load jump
- External synchronization
- Extra low peak current limitation
- SO8 and SO14
- Leadfree, RoHS compliant

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Application Diagram – CCM PFC

<table>
<thead>
<tr>
<th>Product</th>
<th>Frequency (SW)</th>
<th>Current Drives (A)</th>
<th>Features</th>
<th>Package</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICE3PCS01G</td>
<td>Adjustable</td>
<td>0.5</td>
<td>OVP+Brown-out</td>
<td>DSO-14</td>
</tr>
<tr>
<td>ICE3PCS02G</td>
<td>Adjustable</td>
<td>0.5</td>
<td>OVP</td>
<td>DSO-8</td>
</tr>
<tr>
<td>ICE3PCS03G</td>
<td>Adjustable</td>
<td>0.5</td>
<td>Brown-out</td>
<td>DSO-8</td>
</tr>
</tbody>
</table>

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INFORMATION
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