

3-Channel Supervisor IC for Power Supply

Features

- Over-voltage protection and lockout
- Under-voltage protection and lockout
- Open drain power good output signal
- Built-in 300mS delay for power good
- 38mS de-bounce for PSON/ control
- 73uS de-bounce for noise immunity
- Wide power supply range

Applications

- PC power supply
- LCD TV power supply

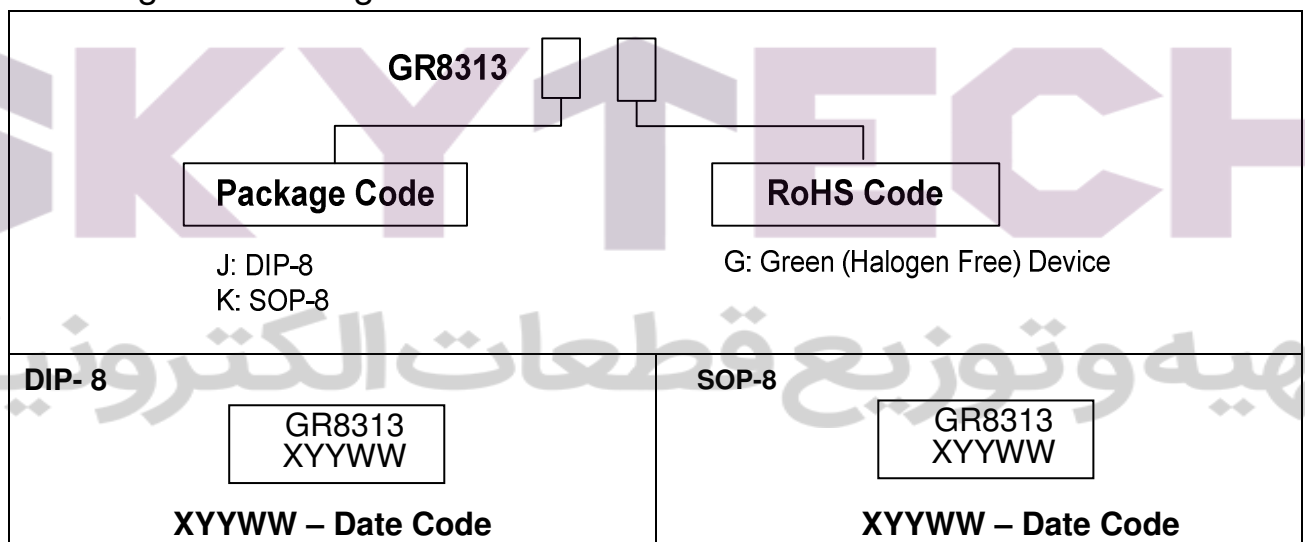
Description

GR8313 is designed to monitor the outputs of switching power supply and generate the power good signal to inform the system. There are three important functions of GR8313: over-voltage protection, under-voltage protection and power good signal generating.

Over-voltage protection (OVP) monitors 3.3V, 5V and 12V to protect the power supply and system when one of these supply voltages exceeds their normal operation voltage.

Under-voltage protection (UVP) monitors 3.3V, 5V and 12V to protect the power supply and system. When power supply is ready or going to shutdown, power good signal generating notifies personal computers; it provides a reliable power supply environment for system.

Ordering and Marking Information

 <p style="text-align: center;">GR8313</p>	
<p>Package Code</p> <p>J: DIP-8 K: SOP-8</p>	<p>RoHS Code</p> <p>G: Green (Halogen Free) Device</p>
<p>DIP- 8</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> <p>GR8313 XYYWW</p> </div> <p>XYYWW – Date Code</p>	<p>SOP-8</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> <p>GR8313 XYYWW</p> </div> <p>XYYWW – Date Code</p>

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