

PWM Control IC with Latch Shutdown

Description:

OB2278/OB2279 is a highly integrated high performance PWM controller IC used in AC/DC switch mode power supply applications. Incorporated with On-Bright patented proprietary technology, OB2278/OB2279 helps to achieve low system standby power and high efficiency at reduced BOM cost.

OB2278/OB2279 features variable latch shutdown protection options. Frequency shuffling technique is implemented in OB2279 to reduce challenge in system EMI design.

Applications:

- LCD Monitor, LCD TV
- Notebook Adapter
- Open-Frame SMPS

Features:

- Built-in power on soft start to reduce power MOSFET requirement
- VDD over voltage protection(OVP) – latch shutdown
- Over temperature protection(OTP) – auto recovery or latch shutdown
- High integration with low BOM count
- Extended burst mode control for improved efficiency and low standby power design
- Audio Noise Free Operation
- Internal Synchronized Slope Compensation
- Leading Edge Blanking on Current Sense Input
- VDD Under Voltage Lockout with Hysteresis (UVLO)
- Over Load Protection(OLP) – Auto Recovery or Latch Shutdown
- Built-in OCP Compensation to Achieve small OPP
- Variation over Universal AC Input Range
- Flexible Latch Shutdown Combinations: OVP; OVP+OTP; OVP+OTP+OLP
- Available in DIP8 and SOP8 packages,RoHS compliant

Typical Application:

