

# High Power PWM Control IC

## **Description:**

# **OB2287/OB2288** is

high performance PWM control IC designed for high power AC/DC switch-mode power supply applications. OB2287 is designed for flyback applications while OB2288 is for forward mode with maximum duty cycle of 50%.

OB2287/OB2288 is optimized by incorporating performance and protection features to support customer requirements with reduced application complexity, reduced BOM cost and reduced design cycle time.

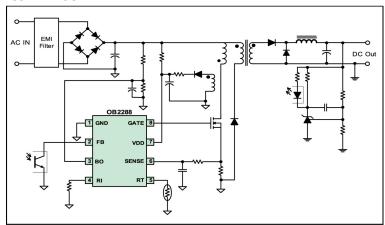
### **Applications:**

- LCD TV, LCD Monitor
- Printer Power
- Power Adapter
- PC Power
- Notebook Adapter

#### **Features:**

- 1500mA gate drive capability with optimized drive control
- Built in brown out/recovery control to improved system reliability without adding extra cost.
- Power on soft start
- Built-in leading edge blanking(LEB) at sense input
- > Frequency shuffling for system EMI improvement
- Wide VDD input range with VDD OVP latch and clamp protections.
- Noise immunity design
- o Internal selectable latch shutdown to improve system reliability
- Available in DIP8 and SOP8 packages, RoHS compliant

#### **Typical Application:**



GreenEngine<sup>TM</sup> Technology for Green Power