

**New!**

## Quasi Resonant PWM Controller

### Description:

**OB2201** is a QR PWM Controller dedicated for 20W~50W power range offline applications. Reduced switching loss and improved EMI performance are achieved through QR control. The optimized loading/frequency adaptive design will benefit average efficiency and help to meet EPS2.0 requirement.

### Applications:

- EPC Adapter
- DLP Projector/RPD Power
- DVD/STB Player Power
- Home Appliance Power

### Features:

- Multi-mode QR control
- Up to 90% full load efficiency
- Programmable soft start
- High precision output OVP
- IC VDD OVP
- Optimized over power protection (OPP)
- Upper frequency clamp at 80KHz
- QR mode 50kHz lower frequency clamping
- 600mA gate drive capability
- Built-in over temperature protection
- Selectable built-in Latch shutdown for strong system reliability
- Available in DIP8 and SOP8 packages, RoHS compliant

### Typical Application:

