



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 achieved through QR control. The optimized loading/ frequency adaptive design will benefit average efficiency and help to meet EPS2.0 requirement.

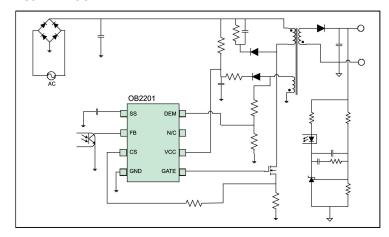
Applications:

- 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
- o Built-in over temperature protection
- Selectable built-in Latch shutdown for strong system reliability
- o Available in DIP8 and SOP8 packages, RoHS compliant

Typical Application:



GreenEngineTM Technology for Green Power