

High Performance PFC Controller

Description:

OB6561P/OB6563 is a high performance transition mode(TM) Power Factor Correction(PFC) control IC. Designed with On-Bright patented proprietary technology, OB6561P/OB6563 optimizes tradition transition mode control easily achieving system power factor to close to 1 with very low THD.

OB6561P/OB6563 is full compliant with both IEC61000-3-2 and JEIDA- MITI requirements on THD control.

Applications:

- LCD TV POWER Supply
- Adapter
- PC Power
- Lighting Power

Features:

- Transition mode operation with built-in analog multiplier
- THD optimization
- System open loop protection
- Proprietary audio noise elimination
- Dynamic and static output over voltage protection(OVP)
- Cycle-by-Cycle current limiting
- Burst mode control for improved efficiency at light load
- External ENA/disable control
- Under voltage lockout with hysteresis (UVLO)
- Built in current sense filter, no external RC filter is needed
- Green mode operation (OB6563)
- Available in DIP8 and SOP8 packages,RoHS compliant

Typical Application:

