

## High Integrated LCD Monitor Backlight Inverter Controller

### Description:

OB3308 is a high integrated and high performance Cold Cathode Fluorescent Lamp (CCFL) controller optimized for LCD monitor backlight application. It integrates high precision (2%) 4 channels of current and voltage feedback control, and thus provides a low-cost and high reliability LCD backlight solution with minimum system BOM count. OB3308 controls full bridge topology and supports various dimming functions and comprehensive protections.

### Applications:

- LCD CCFL backlight system in
- LCD monitor

### Features:

- Minimal required external components
- Full bridge topology
- High Precision Reference and Frequency Control
- External programmability of the key parameters
- Flexible Dimming mode Control:
  - Analog dimming control
  - Internal burst dimming control
  - External burst (LPWM) dimming control
  - 0-3V DC voltage direct dimming control without external circuits
- Comprehensive Protection Coverage:
  - Output over voltage protection (OVP)
  - Output over current protection (OCP)
  - Open lamp protection and short lamp protection
  - Arcing protection
- Available in SOP20 packages, RoHS compliant

### Typical Application:

