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:

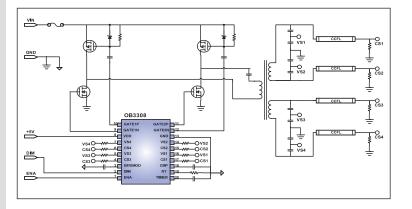
LCD CCFL backlight system in

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 proteciton (OCP)
 - Open lamp protetion and short lamp protection
 - Arcing protection
- Available in SOP20 packages,RoHS compliant

Typical Application:



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