

OZ9966

FEATURES

- Full-bridge or dual-forward topology
- Integrated high side N-MOSFET driver
- High drive capability and System synchronization
- Dedicated pins for Analog and LPWM dimming
- Selectable PWM dimming polarity
- Constant operating frequency
- Built-in intelligence to manage lamp ignition and normal operation
- Open-lamp, over-voltage, over-current, and under-voltage lockout protection
- User-defined striking and shutdown delay timers
- Soft start function

GENERAL DESCRIPTION

The OZ9966 is a high performance controller designed for large-size LCDTV applications requiring multiple lamps. It achieves a high efficiency power conversion with minimal switching loss using a full-bridge N-Channel MOSFET topology. The OZ9966 is ideal for single-side drive or differential drive applications.

OZ9966 allows selection of the Pulse Width Modulation (PWM) dimming polarity, and provides two dedicated pins for analog and PWM dimming control.

APPLICATIONS APPLICATION DIAGRAM

LCD TV





