

High Performance CCFL Control IC -- Push Pull

Description:

OB3316(N) is CCFL inverter control IC designed to drive CCFL in push pull topology. Implemented with On-Bright patented proprietary technology, OB3316 offers rich protection and performance enhancement features and thus provides a cost effective high performance LCD backlight solution with minimum total BOM count.

Applications:

LCD CCFL backlight system in

- LCD Monitor/TV
- Portable DVD
- LCD flat panel display for instruments/automobile

Features:

- High precision reference and frequency setting
- External programmability of the key parameters
- Flexible dimming mode with wide range control:
 - Selective positive or negative dimming version
 - Analog, internal burst and external LPWM
 - 0-3V DC voltage direct dimming without any additional components
- Comprehensive protection coverage:
 - IC supply under voltage lockout (UVLO)
 - System supply brownout protection
 - Output over voltage protection (OVP)
 - Open lamp protection
 - Short lamp protection
- Available in DIP16 and SOP16 packages, RoHS compliant

Typical Application:

