

## Cost Effective CCFL Controller -- Push Pull

### Description:

OB3302 is a cost effective PWM controller that dedicated for CCFL inverter application in push pull topology, it integrates complete functions which includes striking management, dimming control and lamp fail protections.

### Applications:

LCD CCFL backlight system in

- LCD monitor
- LCD TV
- LCD flat panel display system

### Features:

- Compact and cost effective system design
- Direct LPWM input
- Cost effective Push Pull topology
- Programmable constant PWM frequency
- High precision reference and frequency setting
- Soft start
- Build in negative LPWM dimming (burst mode)
- 1.3 times high striking frequency
- Build in 1.5S (typical) striking timer
- Comprehensive protection coverage:
  - IC supply under voltage lockout
  - Open lamp protection
  - Output short circuit protection
- Available in DIP8 and SOP8 package, RoHS compliant

### Typical Application:

