



## L001ND CFL Ballast IC Datasheet

### Features

- High efficiency ballast controller IC
- Internal MOSFET power drivers
- Lamp current independent of line voltage and LC component matching
- Under-voltage lockout protection for long lamp life and reliable firing
- Broken lamp and over-current protection without repeated re-fire attempts
- Especially low stress to bulb filaments
- Digital filtering of line voltage improves flicker performance
- small 22 pin QFN package
- suitable for 10-27W bulbs
- Exceptionally low inductor and capacitor heating

### Description

The L001ND provides high-performance CFL ballast control and driver functions (patent pending). Soft start, integrated FET drivers, safety features and digital lamp current control are included.

