

## Current Mode LED Driver

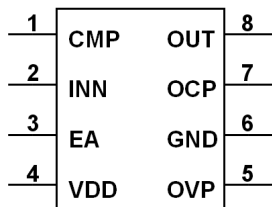
### General Description

BIT3367 is a high frequency PWM controller integrating required functions for boost conversion in a small SOP-8 package. A low 0.21V feedback voltage, over voltage protection, over current protection and load short protection make BIT3367 an ideal controller for LED backlight supplies. Frequency selection is flexible in variable system design. Internal soft start function can avoid inrush current during start-up period. Over temperature protection and UVLO make system reliable. CMOS process greatly reduces the operating current compared with similar products.

### Features

- Current Mode control and fixed frequency operation
- 8V ~ 18V operation voltage
- Internal minimum off time
- Over current protection, OCP
- Over voltage protection, OVP
- Internal soft-start
- Over temperature protection, OTP
- Load short protection, LSP
- Internal under voltage lock out, UVLO
- Totem pole output
- SOP-8 package

### Pin Configuration



### Applications

- Backlight for LED Panels
- Portable Device Backlighting
- LCD Display Module

### Typical Application Circuit

