

Low Cost LED Driver

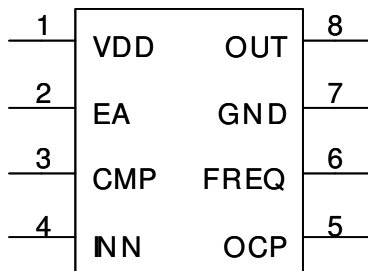
General Description

BIT3260 is a high frequency PWM controller integrating required functions for boost conversion in a small SOP-8 package. A low 0.2V feedback voltage and over voltage protection make BIT3260 an ideal controller for LED backlight supplies. CMOS process greatly reduces the operating current compared with similar products.

Features

- Voltage Mode PWM Controller
- 10V ~ 18V operation voltage
- Current limit
- Frequency adjustable
- Internal Soft-Start
- Maximum duty cycle output
- Over temperature protection, OTP
- 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

