# Low Cost LED Driver

#### **General Description**

BIT3269 integrated circuit provides essential PWM features for white LED driver. It can drive up to 27 LEDs from a 5V supply. BIT3269, built-in 36V power switch with current mode control, provides fast response. An internal 650mA current detection can provide the protection of internal switch. Due to 1.2MHz operation frequency, BIT3269 can reduce the size of external inductor and capacitor. All the functions are combined in a small SOT23-6 package.

#### Features

- 2.5V to 10V input range
- Drives up to 27 LEDs from a 5V supply
- 36V power switch
- Current mode control
- 650mA current limitation
- Fast 1.2MHz switching frequency
- SOT23-6 package

### **Pin Configuration**



### **Applications**

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

## **Typical Application Circuit**

