

### Description

The BP3167XH is a high precision primary-side feedback and regulation controller for LED lighting. It operates in constant current control mode and is ~~designed to control the LED current in constant current mode and especially suitable for flyback converter and/or universal input.~~

The BP3167XH integrates a 600V/650V power MOSFET, with gate MOSFET driving technique. It doesn't need ~~the auxiliary winding for VCC supply. It can achieve excellent constant current performance with very few external components, so the external component count is minimized.~~

The BP3167XH offers rich protection to improve the ~~reliability, including LED short circuit system protection, LED open detection, prthermal regulation function.~~

### Features

IPD-20240909

XXXX  
WXXX:  
YY

XXY: lot code  
sign  
: week

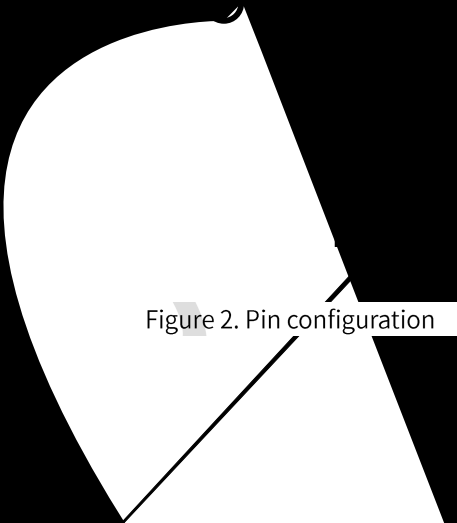


Figure 2. Pin configuration



Pin Number	Name	Description
1	ROVP	OVP configure by a resistor between this pin and GND pin.
2	GND	Ground
3	NC	Not
4	HV	Internal high voltage JEFT
5,6	DRAIN	Internal high voltage MOSFET Drain
7	CS	Current sense pin. Connect a sense resistor between this pin and GND.

