

Non-inter-HOCGBuck LED Driver

Description

BP2364XN is a high precision non-isolated APFC buck LED driver, specially designed for universal mains with mention with the second control of the second

BP2364XN remove the VCC capacitor, COMP capacitor and R_{CS} resistor to simplify the external BOM. And it utilizes specific current detection, with few external components, it achieves high precision output current, excellent line regulation and load regulation.

BP2364XN Some for full or protection in the system mediability, including LED lead short protection. The system reliability is further improved by the thermal regulation function. The output current is reduced when the driver is in condition of over temperature.

Features

- Active-PFC for High PF and Low THD
- No VCC and COMP capacitor
- Critical Conduction Mode Operation
- LED Short Protection
- LED Open Protection (OVP resister ADJ)
- Enable function is compatible with switch color and sensor light
- Cycle by Cycle Current Limit
- Thermal Regulation Function
- Available in ASOP8 Package

Applications

- LED Bulb
- LED Tube
- Other LED Light

Typical Application

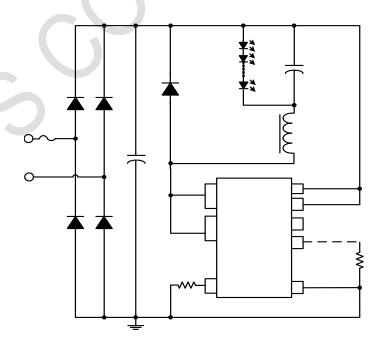
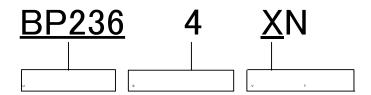


Figure 1. To rout for I spicatapp. cat oBP2364XN

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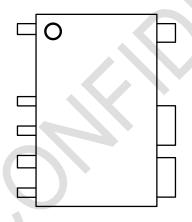
Naming rules



Ordering Information.,

Part Number	Package	Packing Method	Marking
BP2364XN	ASOP8	Tape 5,000 pcs/Reel	BP2364 XXXXXYN ZZZZWWX

Pin Configuration and Marking Information



XXXXXY:1**±**ot Code

ZZZZ: Sign WW: Week

Figure 2. Pin configuration

Pin Definition

Pin No.	Name	Description
1	GND	Ground.
2	ROVP	OVP set pin.
3	NC	No connection
4	HV	HEL STATE BENGERATION
5	VBUS	Rectifier bridge output positive pole
6,7	DRAIN	Internal HV Power MOSFET Drain.
8	CS	Current Sense Pin. Connect a sense resistor between this pin and GND pin.





Non-inter-10 SeBuck LED Driver

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