

# HIGH PF & FLICKER FREE LED LINEAR CONSTANT CURRENT DRIVER CHIP

## GENERAL DESCRIPTION

PM2026N is a high performance, high efficiency and high PF, flicker free LED linear constant current driver. It makes the peripheral circuit simpler to achieve lower BOM cost of LED driver.

PM2026N integrates two patented programmable constant current sources to achieve high PF and eliminate the output current ripple. In addition, PM2026N uses high voltage direct power supply technology, so that the external resistance and capacitance is unnecessary.

PM2026N use the 500V high voltage semiconductor manufacturing process to ensure the reliability when the input transient high voltage appeared. And it also integrates multiple protections to enhance system reliability and safety, such as over thermal compensation, CS open circuit protection, output open circuit protection, etc...

## FEATURES

- Satisfy New European Standard
- High Efficiency
- High Power Factor And Flicker Free
- Programmable LED Current
- $\pm 5\%$  LED Constant Current Precision
- Peripheral Minimization, No Magnetic Components
- Support SMD Process
- Over Thermal Compensation
- Output Open Circuit Protection
- ESOP8 Package

## APPLICATIONS

- LED Bulb Lighting, Down Lighting, Filament Lighting
- Other LED Interior Lighting
- ...

## TYPICAL APPLICATION CIRCUIT

