

BOOST High PF Low THD CC Driver

DESCRIPTION

PM2300 is a Boost constant current control chip of QR Mode. Multiple patented technologies make it possible to achieve high PF and low THD with very few external components. PM2300 is mainly used in constant current drive power supply system with power less than 80W. PM2300 is a QR Mode Boost constant current control chip.

PM2300 can achieve high precision output constant current under wide input, output voltage and peripheral inductance parameters. Combine QR mode and MOSFET drain Voltage Valley-bottom opening technology to achieve high efficiency and low electromagnetic interference. PM2300 also integrates patented inductance current cancellation technology, which greatly reduces the volume and cost of the main inductor.

PM2300 integrates multiple protection functions, such as output open circuit, over-temperature protection, open circuit and short circuit protection of all pins to make sure

LED driver more reliable.

PM2300 is packaged in SOP8.

FEATURE

- High PF or low THD
- Ultra-wide working voltage
- High voltage start-up and power supply
- Inductive peak current elimination technology
- QR and MOSFET driver technology
- Closed-loop constant current control technology
- Single winding inductor
- Programmable output open-circuit protection
- CS resistance short circuit protection
- Over temperature compensation

APPLICATIONS

- LED Constant current driver
- Constant voltage source...

TYPICAL APPLICATION

