

Green-Mode PWM Controller with Hiccup Protection

Features

- Built-in 650V Power MOSFET
- Current Mode Control
- Standby Power below 75mW
- Under-Voltage Lockout (UVLO)
- Non-Audible-Noise Green-Mode Control
- 65KHz Switching Frequency
- Internal Leading-Edge Blanking
- Internal Slope Compensation
- Internal Soft Start
- Gate Output Voltage Clamp
- Jitter and Soft Driving for Reducing EMI
- Over-Load Protection (OLP)- Auto Recovery Mode
- Vcc OVP Protection- Auto Recovery Mode
- 300mA Driving Capability

Description

The GR1937K is a highly-integrated and high voltage power MOSFET of 650V. GR1937K has the features of low startup current, current mode PWM controller with green-mode function. The integrated functions also include the leading-edge blanking of the current sensing, internal slope compensation, soft start.

The GR1937K improves the performance and reduces the cost of power supplies. It is with 8-pin DIP package.

Application

- Battery Charger
- Open Frame SMPS
- Switching AC/DC Adapter

Typical Application Information

