

# Green Mode AC/DC PWM Controller with Extremely Low Startup Current

Specification Rev. V1.1

## FEATURES

- Extremely Low Startup Current (< 900nA)
- Current Mode Control
- Fixed 65/100KHz Switching Frequency
- Adjustable De-latch Counter
- OCP (Cycle-by-cycle Over Current Protection)
- OLP (Over Load Protection)
- OVP (Over Voltage Protection) through VCC Pin
- Embedded Soft Start

## APPLICATIONS

- Switching AC/DC Adapter
- Switching Battery Charger
- Open Frame Power Supply

## GENERAL DESCRIPTION

With the proprietary low power technology, PF6002 start up with the current as low as only several hundred nano-Amps (nA). Therefore, the PF6002 startup resistor value can be very high to reduce the power dissipation and the requirement of 100mW no-load power consumption on AC/DC adapters can be easily achieved.

## TYPICAL APPLICATION

