



SM8013

DESCRIPTION

The SM8013 is a current-mode PWM off-line primary controller. Its gate is connected to the gate of an external MOSFET for power switch control and it offers lower start-up current and operating current, and so assumes low standby power and high efficiency. The SM8013 also offers over-current protection, over-load protection and VDD over-voltage protection.

FEATURES

1. PFM mode operating at no load and small load
2. Highly integrated and lower cost solutions
3. Lower start-up current (5uA) and lower operating current (2mA)
4. Lower standby power (<0.25W @AC240V)
5. Short-circuit protection, OCP, OVP
6. Package: DIP8, SOP8, SOT23-6

APPLICATION

1. Adaptors
2. Power supply panels for DVD players, DVB, LCD TVs, and printers

