

## Green Mode PWM Controller

### General Description

The PN8267 is a highly integrated current mode PWM control IC for high performance, low standby power and cost effective offline flyback converter applications. PN8267 operates in green mode. According to load condition, it can reduce frequency to minimize switching loss. Lower standby power and higher conversion efficiency is thus achieved. PN8267 offers complete protections coverage with automatic self-recovery feature including Cycle-by-Cycle current limiting (OCP), VDD over Voltage Protection, Output over voltage protection (OVP), over temperature protection (OTP), Over load Protection (OLP), output diode short protection, soft-start and Burst mode operation.

### Features

- Proprietary Frequency Jitter for EMI
- Green Mode Control
- Audio Noise Free
- Internal Slope Compensation
- Line Input Compensation
- soft start-up function
- Good Protection Coverage With Auto Self-Recovery

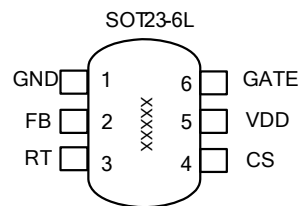
#### Recovery

- ◇ Cycle-by-Cycle Over-current Threshold Setting (OCP)
- ◇ Over load Protection (OLP)
- ◇ VDD Over Voltage Protection (OVP)
- ◇ Output Over Voltage Protection
- ◇ Output diode short protection
- ◇ Over Temperature Protection (OTP)

### Applications

- DVB Power Supplies
- Power Adapter
- Open-frame SMPS

### Package/Order Information



Order codes	Package
PN8267TCC-R1	SOT23-6L

### Typical Application

