



Global Semiconductor

IW7707D 60V, 10mΩ Synchronous Rectifier

1.0 General Description

IW7707D is a synchronous rectifier for Flyback converters. It integrates a 60V power MOSFET that can replace Schottky diode for high efficiency. It turns on the internal MOSFET if the $V_{SW} < -500mV$ and turns it off before the current from GND to SW is lower than zero.

Features

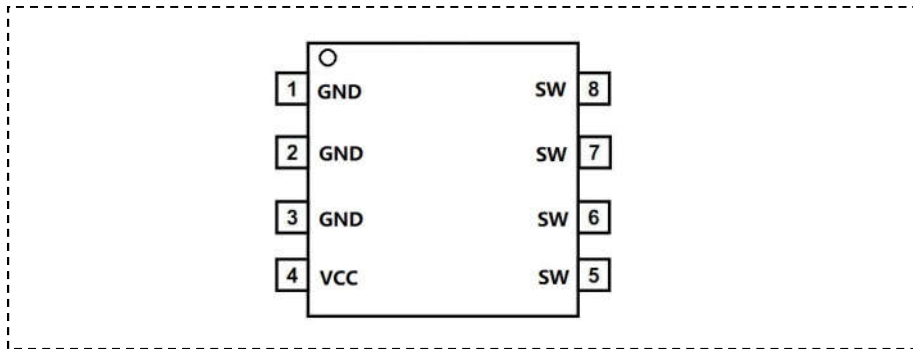
- ◆ Supports DCM and Quasi-Resonant Flyback converter
- ◆ Supports High-side and Low-side ectification
- ◆ Integrated 10mΩ 60V Power MOSFET
- ◆ No need external power supply

Applications

- Flyback converters
- Adaptors

2.0 Products Information

2.1 Pin configuration



IW7707D (8 Lead SOIC-8 Package)

Pin#	Name	Description
1、2、3	GND	Ground.
4	VCC	Power supply, Bypass a capacitor between VCC and GND.
5、6、7、8	SW	Internal Power MOSFET Drain.

