

DESCRIPTION

JW7728H6D 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 $V_{SW} < -140\text{mV}$ and turns it off before the current from GND to SW is lower than zero.

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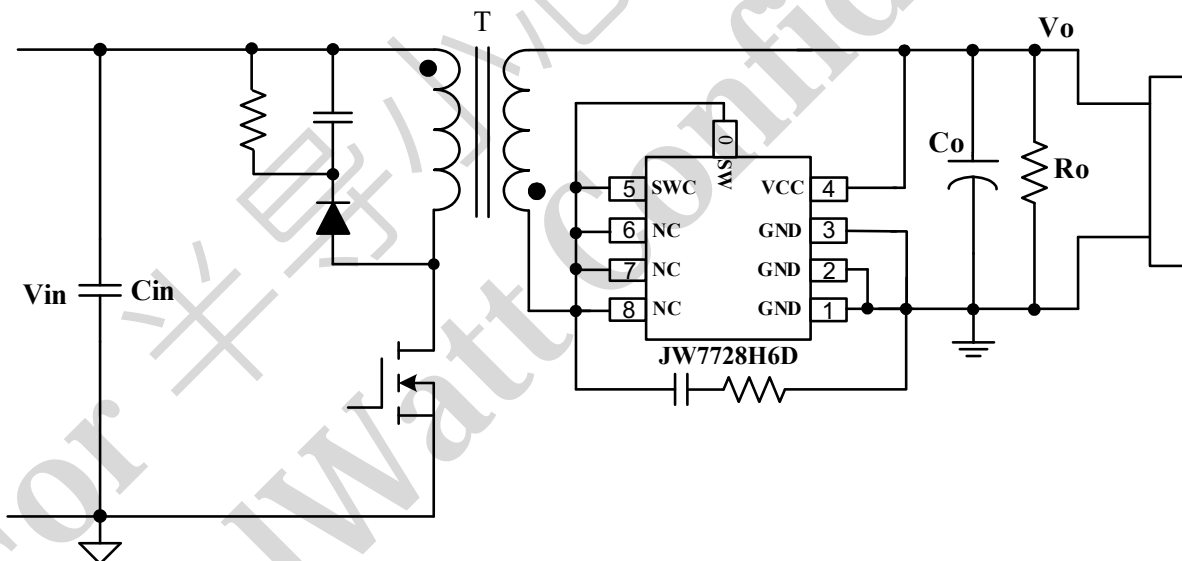
FEATURES

- Supports CCM, DCM and Quasi-Resonant Flyback Converter
- Integrated 8mΩ 60V Power MOSFET
- Supports Low-side Rectification
- No Need External Power Supply

APPLICATIONS

- Flyback Converters
- Adaptors

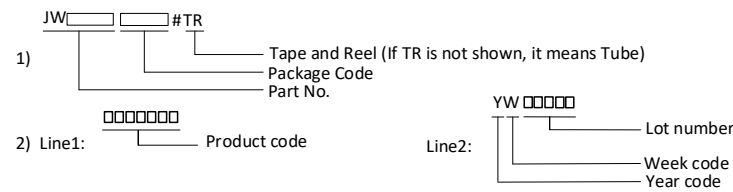
TYPICAL APPLICATION



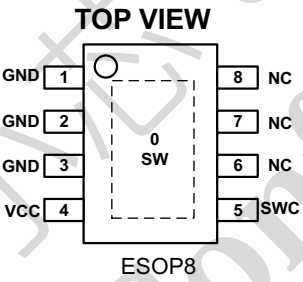
ORDER INFORMATION

DEVICE ¹⁾	PACKAGE	TOP MARKING ²⁾	ENVIRONMENTAL ³⁾
JW7728H6DE SOP#TR	ESOP-8	7728H6D YW□□□□□	Green

Notes:



PIN CONFIGURATION



PIN DESCRIPTION

PIN NO. ESOP8	NAME	DESCRIPTION
0	SW	Internal Power MOSFET Drain
1、2、3	GND	Ground
4	VCC	Power Supply
5	SWC	Sense The Drain Of Power MOSFET
6、7、8	NC	No Connection

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