

DESCRIPTION

JW77284C is a synchronous rectifier for Flyback converters. It integrates a 45V power MOSFET that can replace Schottky diode for high efficiency. It turns on the internal MOSFET if the $V_{SW} < -400\text{mV}$ and turns it off before the current from GND to SW is lower than zero.

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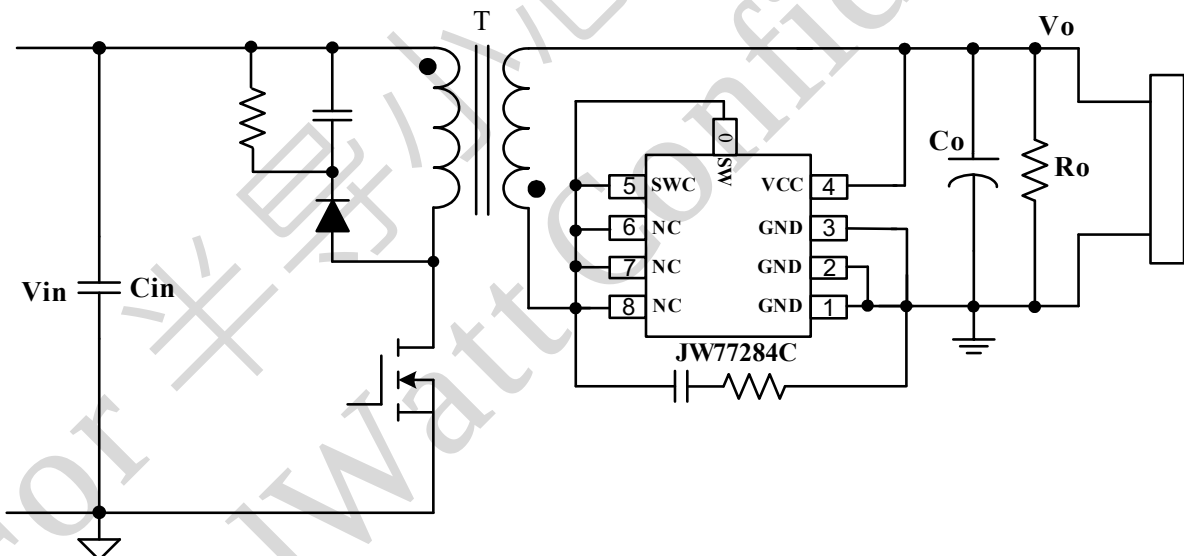
FEATURES

- Supports CCM, DCM and Quasi-Resonant Flyback Converter
- Integrated 16mΩ 45V Power MOSFET
- Supports High-side and Low-side Rectification
- No Need External Power Supply

APPLICATIONS

- Flyback converters
- Adaptors

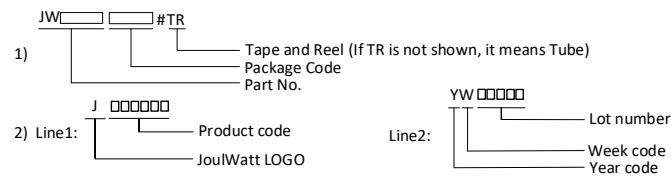
TYPICAL APPLICATION



ORDER INFORMATION

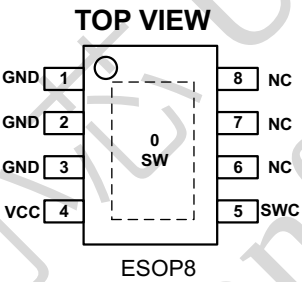
DEVICE ¹⁾	PACKAGE	TOP MARKING ²⁾	ENVIRONMENTAL ³⁾
JW77284CESOP#TR	ESOP-8	J77284C YW□□□□□	Green

Notes:



3) All JoulWatt products are packaged with Pb-free and Halogen-free materials and compliant to RoHS standards.

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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