

### General Description:

The uP7218M-100 is a fast turn-off, intelligent rectifier for flyback converters with built-in 80V MOSFET.

It can replace a diode rectifier for higher conversion efficiency and power density.

The uP7218M-100 is optimized for low side rectification.

The uP7218M-100 is available in SOIC-8 package.

### Features:

- Built-in 19mΩ on-resistance and 100V
- Support CCM, DCM and QR Mode
- Output current can be up to 2.5A.

### Applications:

- Adapters with output voltage 5V~24V.
- STB, Switching Power Supply

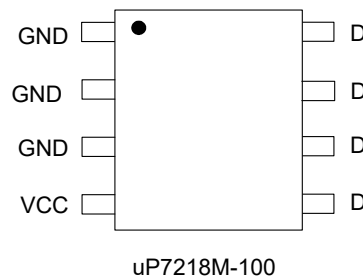


Figure 1. Package types of uP7218M-100

### Ordering information:

Part number	Mark ID	Package	Packing	Output Current
uP7218M-100	7218M-100	SOIC-8	4,000 / Reel	2.5A

### Typical Applications (12V/3A adapter):

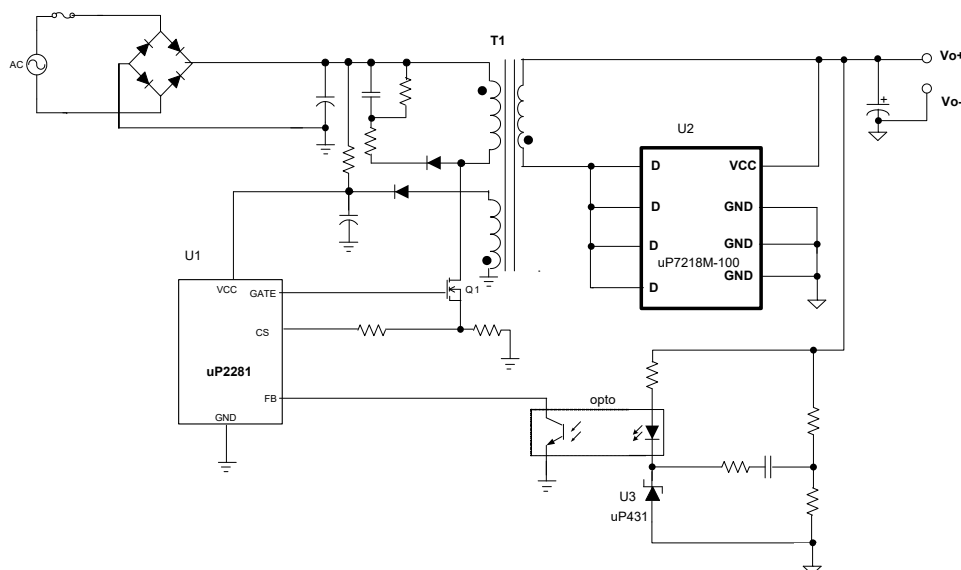


Fig.1 Typical applications