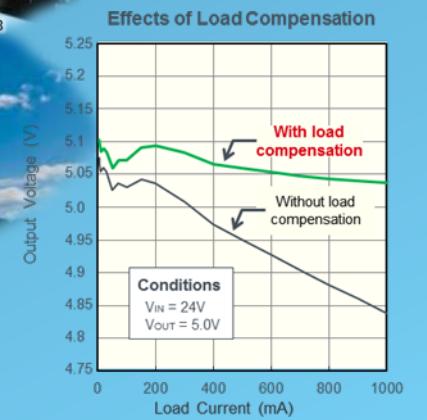


BD7F Series Isolated Flyback Converters

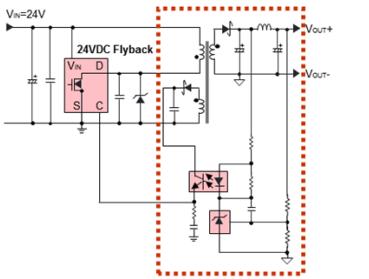
ROHM
SEMICONDUCTOR

Simplifies isolated power supply configuration

- High-speed load response via adaptive on-time control
- Automatic light load mode ensures high efficiency across all load regions
- Eliminates the need for parts that cross the isolation boundary, improving functional safety
- Limited life components are not required, enabling long-term operation
- Supports multi-output configuration with superior cross-regulation



Conventional Flyback Converter Circuit



**ew controller design
minates the need for
an optocoupler or
Auxiliary winding**

