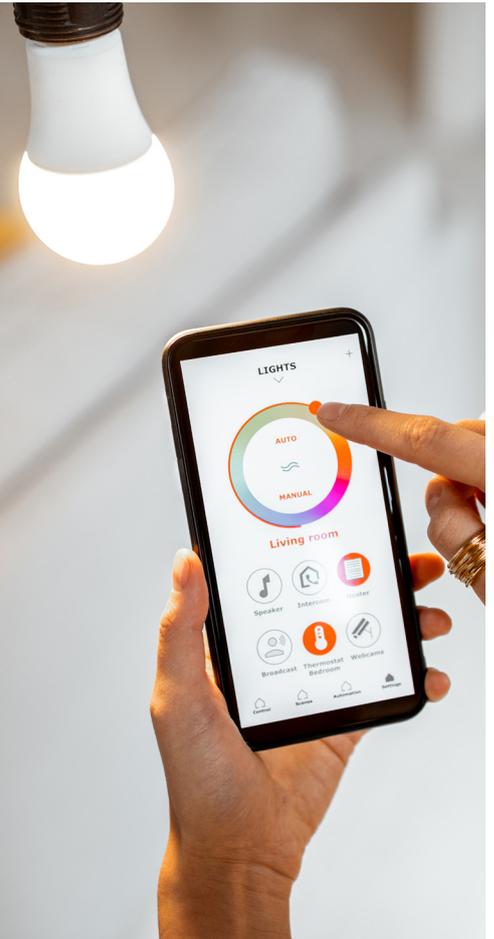
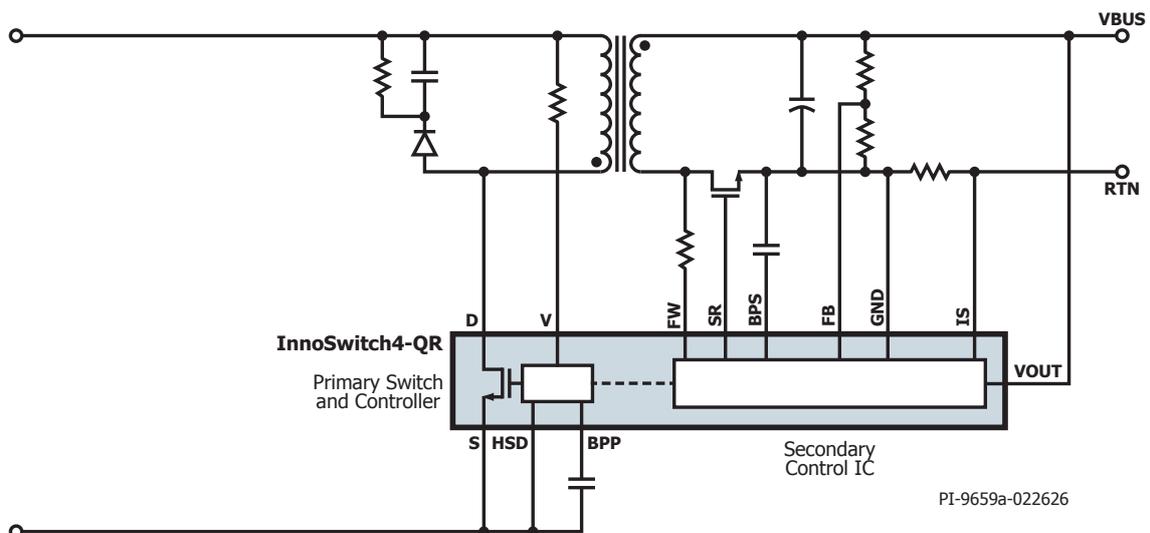


InnoSwitch™ 4-QR

- High density flyback designs up to 220W
- Quasi-resonant operation with CCM support
- Supports very wide output voltage range up to 30 V
- Steady state switching frequency up to 155kHz enabling smaller transformer designs
- Robust 750 V PowiGaN™ primary switch
- Integrated FluxLink™, HIPOT-isolated, feedback link
- Synchronous rectification driver and secondary-side sensing
- Precise CV/CC accuracy independent of external components
- Up to 95% efficient



Off-Line CV/CC Flyback Switcher IC with 750 V PowiGaN Switch



Applications

- High density USB-PD power adapters and chargers
- Appliances and industrial control
- Power tool chargers
- Industrial and Smart Lighting LED drivers
- TV and monitor adapters
- Servers and PC standby power supplies

Output Power

InnoSwitch4-CZ

Part Number	230 VAC ±15%		85–265 VAC	
	Adapter (W)	Open Frame (W)	Adapter (W)	Open Frame (W)
INN4274C	80	90	65	85
INN4275C	90	100	75	90
INN4276C	105	125	80	115
INN4277C	125	145	90	135
Part Number	385 VDC (PFC Input)			
	Adapter (W)		Open Frame (W)	
INN4774C	145		170	
INN4775C	155		180	
INN4776C	170		200	



InSOP™-24D Package

- 1 Maximum output power is dependent on the design, with maximum IC package temperature kept <125 °C
- 2 Minimum continuous power in a typical non-ventilated enclosed typical size adapter measured at 40 °C ambient.
- 3 Minimum peak power capability.
- 4 C Package: InSOP-24D.
- 5 INN42xx series optimized for universal AC input designs.
INN47xx series optimized for peak power designs with PFC input.

Design Support

Data Sheet	InnoSwitch4-QR data sheet (www.power.com/innoswitch4-qr-data-sheet)
Design Example	100 W Low profile CV LED driver for Industrial & Smart Lighting (DER-1038) (www.power.com/der-1038)
Design Example	197 W Peak Power Isolated Power Supply without heatsink for Printer (DER-1033) (www.power.com/der-1033)
Design Example	150 W 3-in-1 dimmable driver for 36-42V LED strings (DER-1021) (www.power.com/der-1021)
Design Example	120 W wide range input power supply for Appliances (DER-1032) (www.power.com/der-1032)