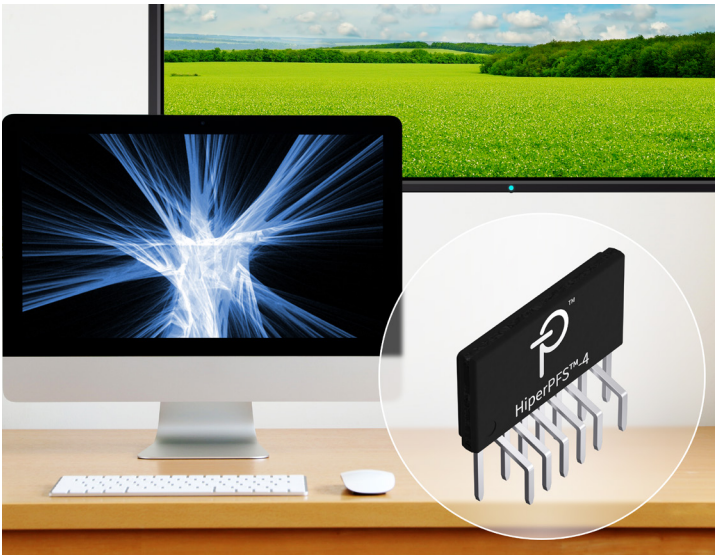


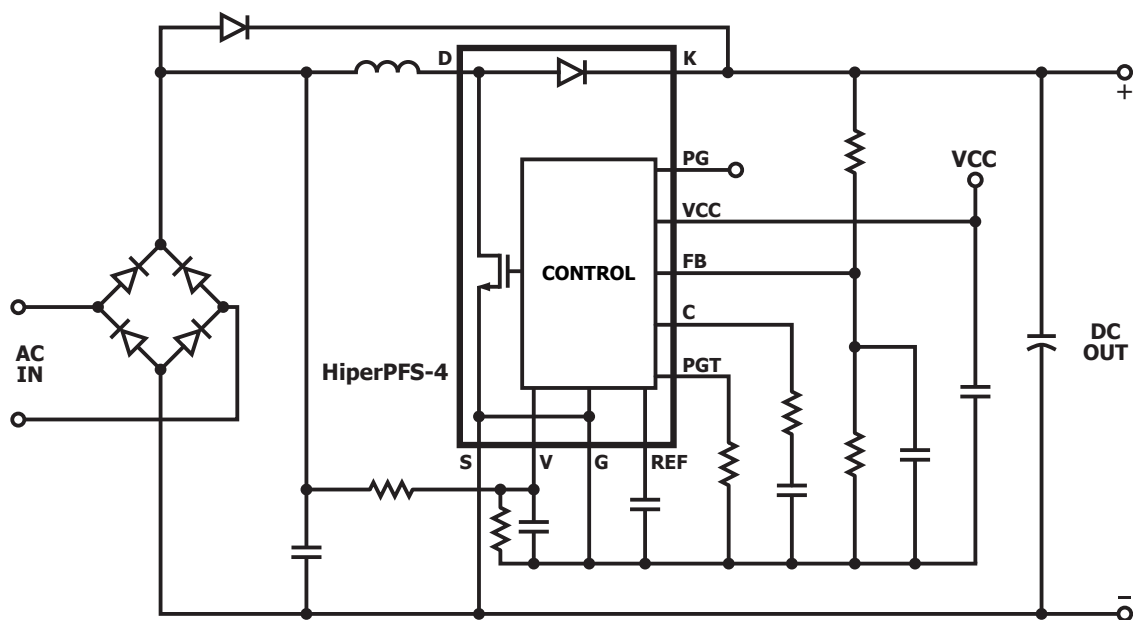
HiperPFS™-4



Key Features

- Greater than 95% efficiency from 10% – 100% load
- Less than 60 mW no-load consumption – 230 VAC
- Integrated 600 V MOSFET and 600 V diode option
- Smallest boost PFC form factor

PFC Controller with Integrated 600 V Qspeed Diode & 600 V MOSFET



PI-7224a-042720

Applications

- High-power LED lighting
- High-power adaptors
- LCD TV
- PCs
- Printers
- Industrial and appliance

Output Power

Universal Input Devices (C Package)
Without Integrated Diode

Part Number	Continuous Output Power at 90 VAC (W)
PFS7x23C	75
PFS7624C	80
PFS7626C	105
PFS7628C	110

High-Line Input Only Devices (H Package)
Without Integrated Diode

Part Number	Continuous Output Power at 180 VAC (W)	Peak Output Power (W)
PFS7633H	255	280
PFS7634H	315	350
PFS7635H	435	480
PFS7636H	550	610

Universal Input Devices (H and L Packages)
Without Integrated Diode

Part Number	Continuous Output Power at 90 VAC (W)	Peak Output Power (W)
PFS7x23H/L	110	120
PFS7624H/L	130	150
PFS7625H/L	185	205
PFS7626H/L	230	260
PFS7627H/L	290	320
PFS7628H/L	350	385
PFS7629H/L	405	450

Universal Input Devices (H and L Packages)
With Integrated Diode

Part Number	Continuous Output Power at 90 VAC (W)	Peak Output Power (W)
PFS7723H/L	110	120
PFS7724H/L	130	150
PFS7725H/L	185	205
PFS7726H	230	260
PFS7727H	290	320
PFS7728H	350	385
PFS7729H	405	450

Design Support

- Data Sheet [HiperPFS-4 data sheet \(www.power.com/hiperpfs-4-data-sheet\)](http://www.power.com/hiperpfs-4-data-sheet)
- Design Example [275 W PFC front-end using HiperPFS-4 \(www.power.com/der-720\)](http://www.power.com/der-720)