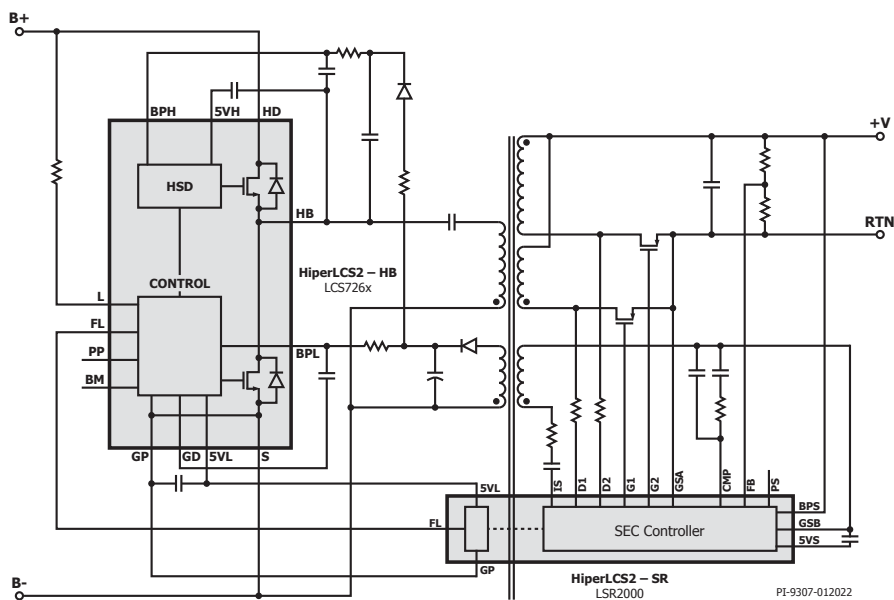


# HiperLCS™ -2 Chipset

- Excellent performance across entire load range
  - More than 98% efficient (full load)
  - Accurate regulation and low ripple
  - No-load less than 40 mW
- Very low component count
  - Lossless current sensing
  - Self-powered start-up
  - Integrated FluxLink™ isolated control link and synchronous rectification controller

## Off-Line LLC Switcher IC Chipset with Integrated 600 V FREDFETs, Synchronous Rectification Control & FluxLink Communication



## Applications

High efficiency power supplies up to 270 W:

- Ebikes
- PCs
- Tool chargers
- TVs

## Output Power

Power Device	Safety Isolation Device	385 VDC $\pm$ 5%	
		Adapter (W)	Peak Power (W)
LCS7260C	LSR2000C	80	135
LCS7262C	LSR2000C	120	205
LCS7265C	LSR2000C	220	375



InSOP™-24C (HiperLCS2-HB)



InSOP™-24D (HiperLCS2-SR)

## Design Support

Data Sheet	<a href="http://www.power.com/hiperlcs-2-data-sheet">HiperLCS-2 chipset data sheet (www.power.com/hiperlcs-2-data-sheet)</a>
Design Example	<a href="http://www.power.com/der-672">220 W, 24 VDC output LLC + CRM PFC power supply using HiperPFS™-5 &amp; HiperLCS-2 chipset (DER-672) (www.power.com/der-672)</a>
Video	<a href="http://www.power.com/hiperlcs-2-video">Introduction to HiperLCS-2 chipset (www.power.com/hiperlcs-2-video)</a>