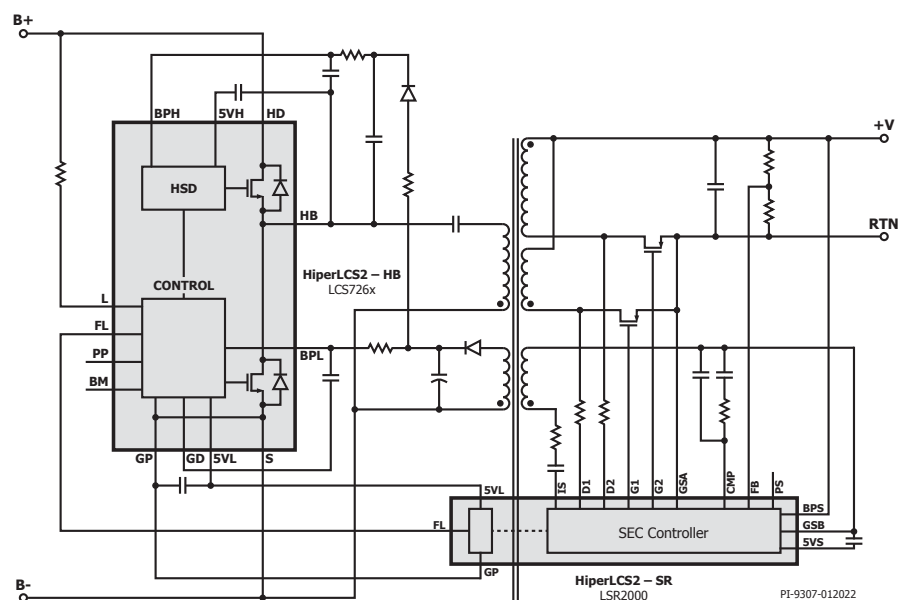


HiperLCS™-2 Chipset

- 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	HiperLCS-2 chipset data sheet (www.power.com/hiperlcs-2-data-sheet)
Design Example	220 W, 24 VDC output LLC + CRM PFC power supply using HiperPFS™-5 & HiperLCS-2 chipset (DER-672) (www.power.com/der-672)
Video	Introduction to HiperLCS-2 chipset (www.power.com/hiperlcs-2-video)

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