

## **CS1600 120W, High-efficiency PFC Demonstration Board**

### **Features**

- ❑ Line Voltage Range: 108 to 305 VACrms
- ❑ Output Voltage ( $V_{LINK}$ ): 460V
- ❑ Rated  $P_{out}$  : 115W
- ❑ Efficiency: 95% @ 115W
- ❑ Spread Spectrum Switching Frequency
- ❑ Integrated Digital Feedback Control
- ❑ Low Component Count

### **General Description**

The CDB1600-120W board demonstrates the performance of the CS1600 digital PFC controller as a stand-alone unit. This board is 95% efficient at full load, and has been tailored for use with a resonant second stage to power up to two T5 fluorescent lamps for a maximum output power of 108W. A resonant second stage driver efficiency of 94% is assumed for this application.

To get the complete data sheet, please visit:

[www.cirrus.com/PFCdatasheets/CDB1600](http://www.cirrus.com/PFCdatasheets/CDB1600)



Actual Size:  
223 mm x 38 mm  
8.75 in x 1.5 in