

## ***CS1600 120W, High-efficiency PFC + Fluorescent Lamp Driver Reference Design***

### **Features**

- ❑ Line Voltage Range: 108 to 305 VACrms
- ❑ Output Voltage ( $V_{LINK}$ ): 460V
- ❑ Rated Maximum  $P_{in}$ : 120W
- ❑ Spread Spectrum Switching Frequency
- ❑ Integrated Digital Feedback Control
- ❑ Low Component Count

### **General Description**

The CRD1600-120W board demonstrates the performance of the CS1600 digital PFC controller in an electronic ballast application. The CRD1600 uses a resonant second stage driver to power up to two T5 fluorescent lamps. The CRD1600 has been designed to fit into a slimline T5 fluorescent electronic ballast form-factor.

To get the complete data sheet, please visit:

[www.cirrus.com/PFCdatasheets/CRD1600-17](http://www.cirrus.com/PFCdatasheets/CRD1600-17)



Actual Size:  
349 mm x 25 mm  
13.75 in x 1 in