ON Semiconductor®

Test Procedure for the UIC1WGEVB Evaluation Board

The following steps detail the basic test procedure for these boards:

Necessary Equipment:
1 120 VAC Source
1 Yokogawa WT330 Digital Power Meter

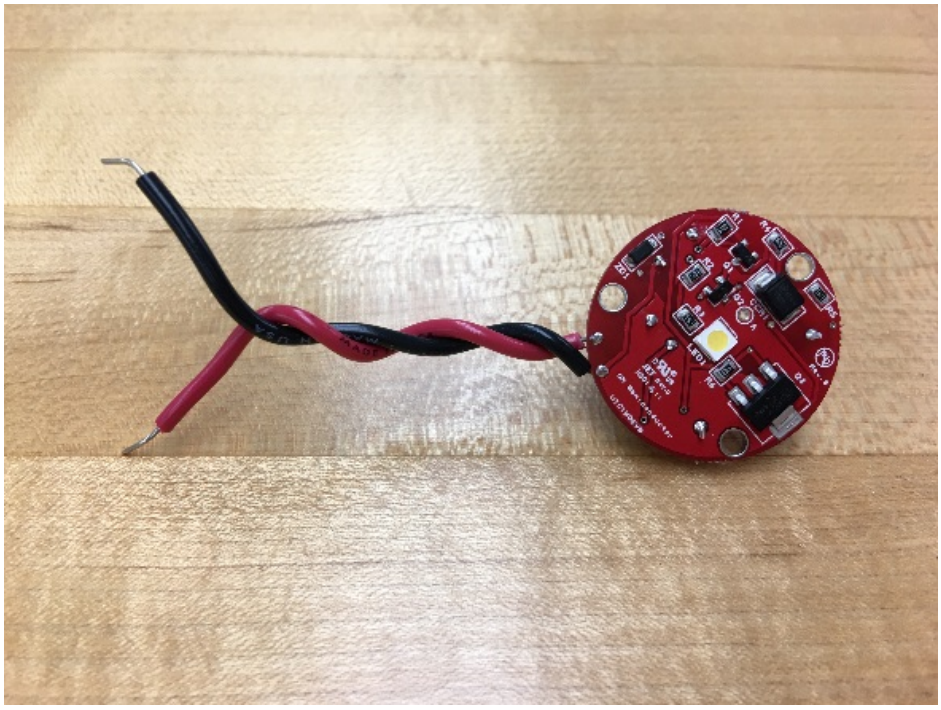


Figure 1: Test Setup

Test Procedure:

1. **Check if all of the components have the right values and are mounted in the correct positions.**
2. **Connect the red and black wires as shown in Figure 1 to your AC source.**
3. **Apply an input voltage, V_{IN} =120 VAC**
4. **Check that P_{in} is about 1.7W.**
5. **Apply an input voltage, V_{IN} =280 VAC**
6. **Check that P_{in} is about 1.5W.**
7. **Power down the input.**
8. **End of test**

☠ Be careful when manipulating the boards in operation, lethal voltages are present.