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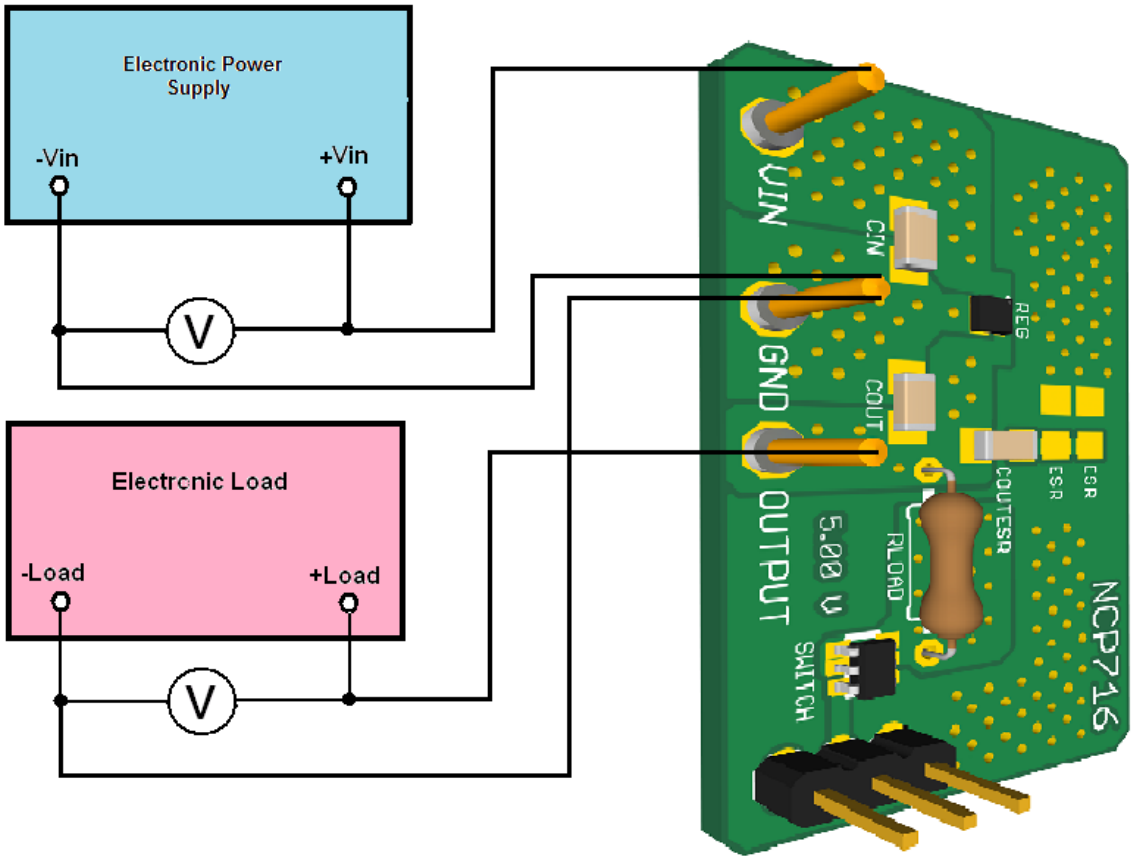
Test Procedure for the NCP716MTTBGEVB Evaluation Board



Test procedure:

1.Check the Voltage Version (It is mentioned next to OUTPUT terminal on the demoboard.)

2. Connect the test setup as shown Figure above

3. Appy an input voltage **Vin = 6.0 V**

4. Appy Iout = 0mA load.

5. Check that Vout is:
   - **1.2 V +/-2% for 1.2 V voltage version**
   - **1.5 V +/-2% for 1.5 V voltage version**
   - **1.8 V +/-2% for 1.8 V voltage version**
   - **2.5 V +/-2% for 2.5 V voltage version**
   - **3.0 V +/-2% for 3.0 V voltage version**
   - **3.3 V +/-2% for 3.3 V voltage version**
   - **5.0 V +/-2% for 5.0 V voltage version**

6. Increase Iout up to **80 mA**

7. Check that Vout is :
   - **1.2 V +/-2% for 1.2 V voltage version**
   - **1.5 V +/-2% for 1.5 V voltage version**
   - **1.8 V +/-2% for 1.8 V voltage version**
   - **2.5 V +/-2% for 2.5 V voltage version**
   - **3.0 V +/-2% for 3.0 V voltage version**
   - **3.3 V +/-2% for 3.3 V voltage version**
   - **5.0 V +/-2% for 5.0 V voltage version**

8. Increase Vin up to **24.0 V** and decrease the load in accordance with **Safe Operation Area**

9. Power down the Load

10. Power down the Vcc

11. End of test

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