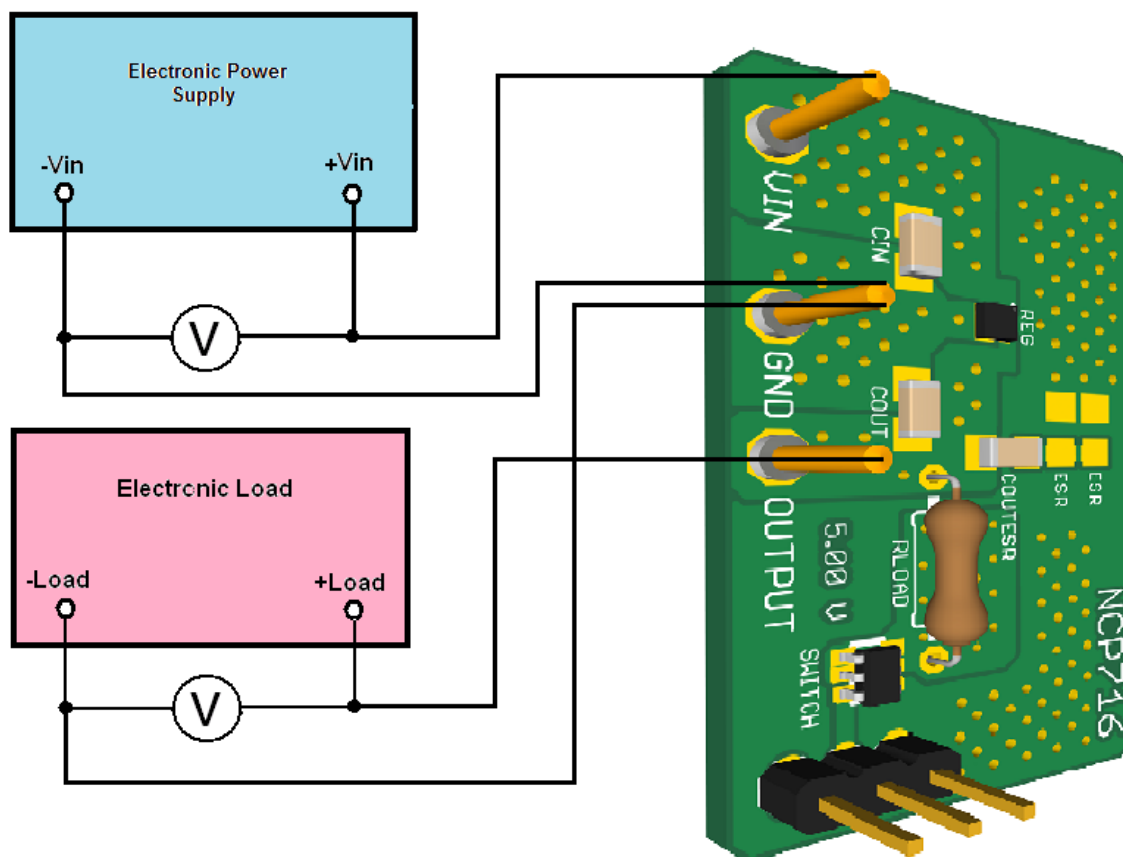




Test Procedure for the NCP716MTTBGEVB Evaluation Board



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. Apply an input voltage **V_{in} = 6.0 V**
4. Apply I_{out} = 0mA load.



5. Check that V_{out} is:

1.2 V $\pm$ 2% for 1.2 V voltage version
1.5 V $\pm$ 2% for 1.5 V voltage version
1.8 V $\pm$ 2% for 1.8 V voltage version
2.5 V $\pm$ 2% for 2.5 V voltage version
3.0 V $\pm$ 2% for 3.0 V voltage version
3.3 V $\pm$ 2% for 3.3 V voltage version
5.0 V $\pm$ 2% for 5.0 V voltage version

6. Increase I_{out} up to **80 mA**

7. Check that V_{out} is :

1.2 V $\pm$ 2% for 1.2 V voltage version
1.5 V $\pm$ 2% for 1.5 V voltage version
1.8 V $\pm$ 2% for 1.8 V voltage version
2.5 V $\pm$ 2% for 2.5 V voltage version
3.0 V $\pm$ 2% for 3.0 V voltage version
3.3 V $\pm$ 2% for 3.3 V voltage version
5.0 V $\pm$ 2% for 5.0 V voltage version

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

9. Power down the Load

10. Power down the V_{cc}

11. End of test

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