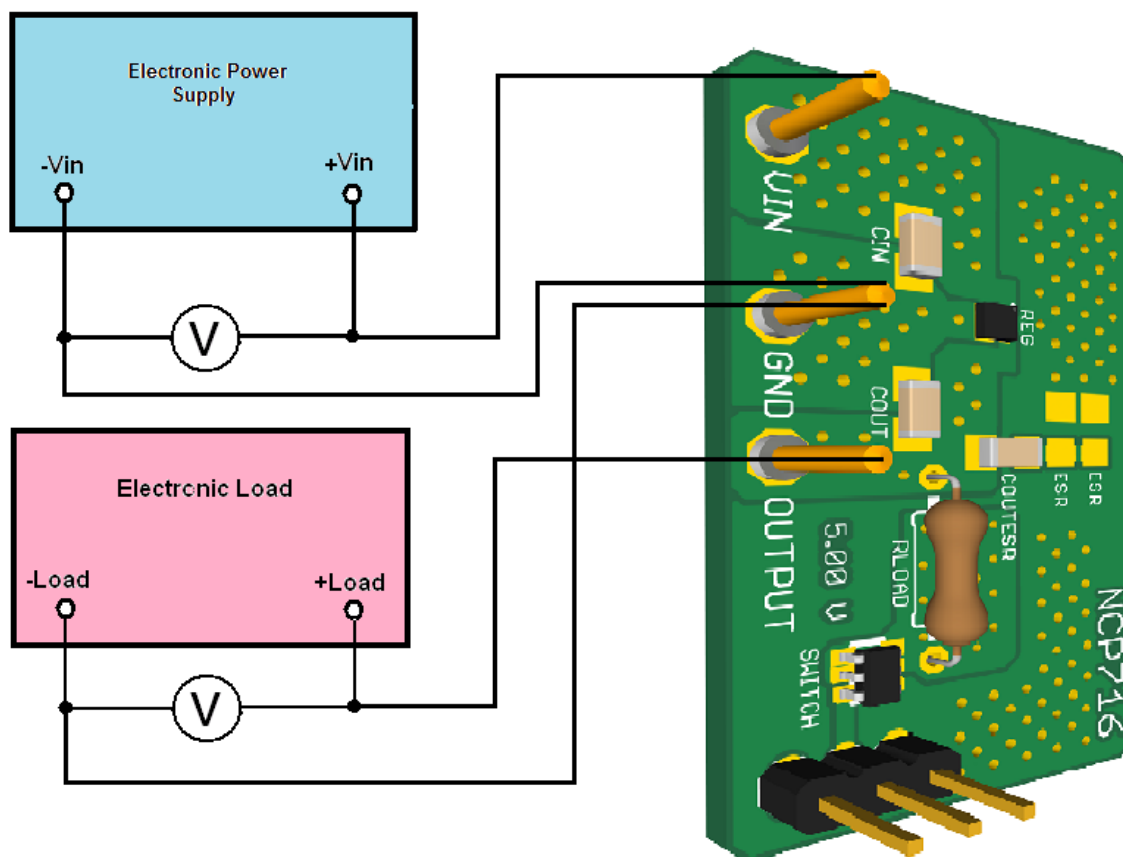




Test Procedure for the NCP716MTTBGEVB Evaluation Board



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 $V_{in} = 6.0\text{ V}$
4. Apply $I_{out} = 0\text{ mA}$ 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