



Test Procedure for the NCP59152MNADGEVB Evaluation Board

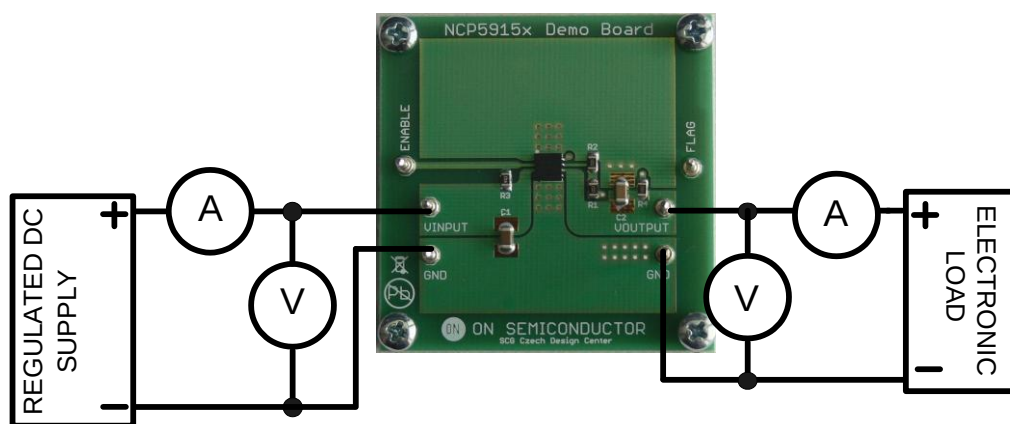


Figure 1: Test Setup

Test Procedure:

1. Connect the test setup as shown in Figure 1
2. Apply an input voltage, $V_{in} = 3.5 \text{ V dc}$
3. Apply $I_{out} = 10 \text{ mA}$ load
4. Check that V_{out} is 2.5 V
5. Increase I_{out} load to 1.5 A
6. Check that V_{out} is 2.5 V
7. Check by Multimeter referenced to GND that V_{flag} is roughly 2.5 V
8. Decrease input voltage to $V_{in} = 2.24 \text{ V}$
9. Check that V_{flag} is less than 0.4 V
10. Power down the load
11. Power down V_{input}
12. End of test