

Test Procedure for the NCP59152MNADGEVB Evaluation Board

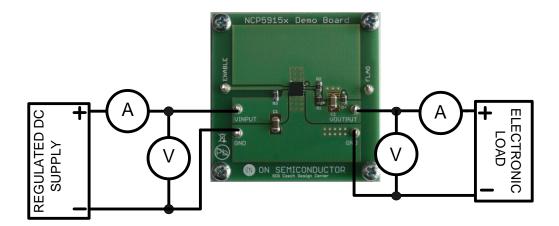


Figure 1: Test Setup

Test Procedure:

- 1. Connect the test setup as shown in Figure 1
- 2. Apply an input voltage, Vin = 3.5 V dc
- 3. Apply lout = 10 mA load
- 4. Check that Vout is 2.5 V
- 5. Increase lout load to 1.5 A
- 6. Check that Vout is 2.5 V
- 7. Check by Multimeter referenced to GND that Vflag is roughly 2.5 V
- 8. Decrease input voltage to Vin = 2.24V
- 9. Check that Vflag is less than 0.4 V
- 10. Power down the load
- 11. Power down Vinput
- 12. End of test