

## Test Procedure for the NCP59301DS00GEVB Evaluation Board

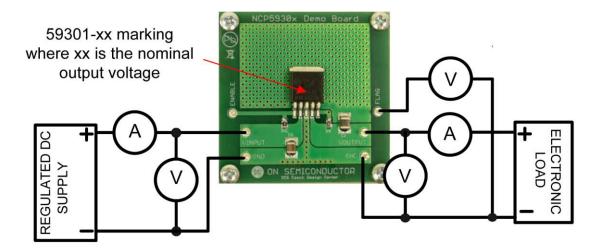


Figure 1: Test Setup

## **Test Procedure**

- 1. Connect the test setup as shown in Figure 1.
- 2. Apply an input voltage, Vin = Vout nom + 1 V
- 3. Apply lout = 10 mA load.
- 4. Check that Vout is Vout nom
- 5. Increase lout load to 3 A
- 6. Check that Vout is Vout nom
- 7. Check by Multimeter referenced to GND that Vflag is roughly Vout\_nom
- 8. Decrease input voltage untill Vout = 90% of Vout\_nom
- 9. Check that Vflag is less than 0.4 V
- 10. Power down the load
- 11. Power down Vinput
- 12. End of test

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