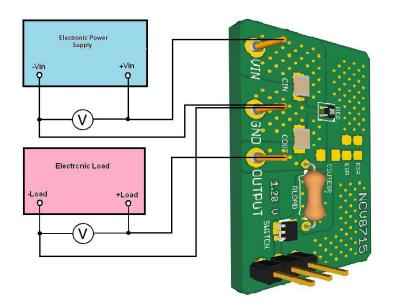


## Test Procedure for the NCV8715SQT2GEVB Evaluation Board



## **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. Appy an input voltage Vin = 6.0 V
- 4. Appy Iout = 0mA 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 50 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