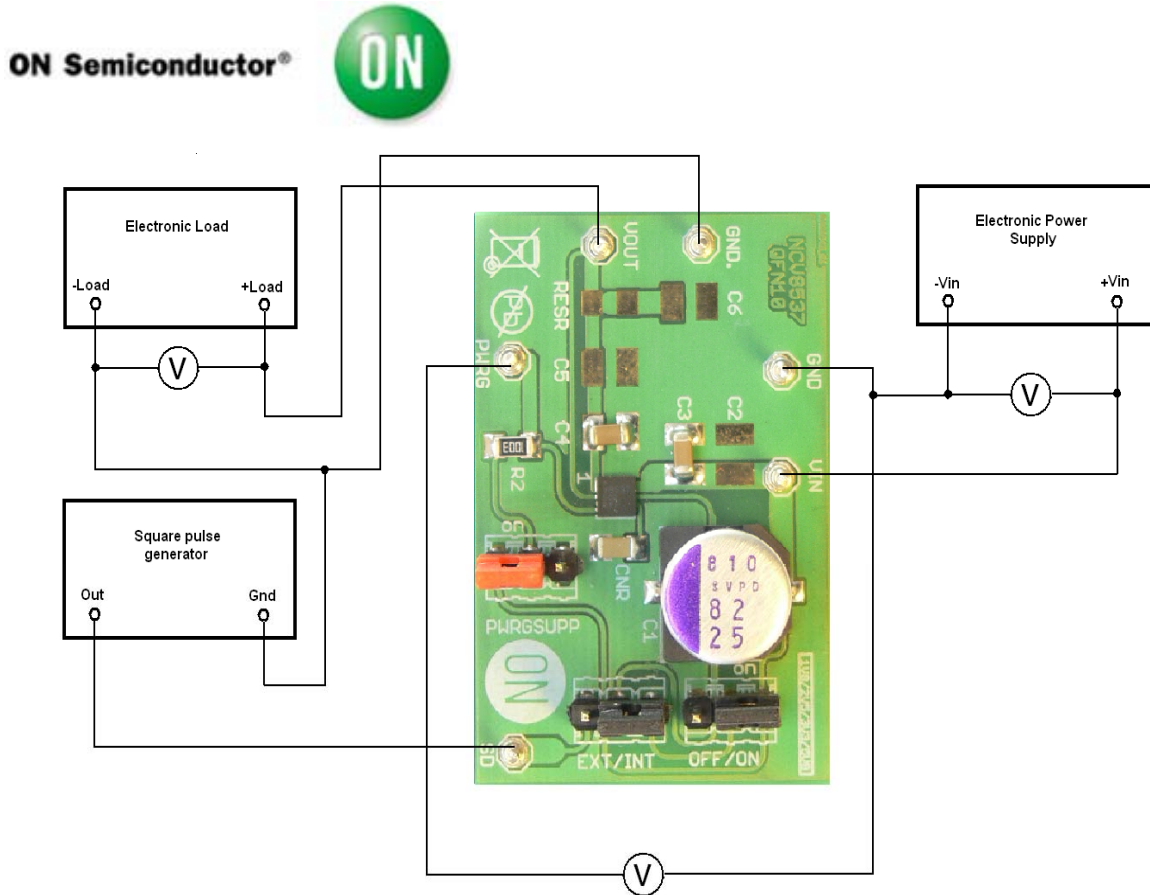


## Test Procedure for NCV8537 2V5 DFN10 LDO Demoboard



Test procedure:

1. Check the position of jumper and correct it if necessary.
  - a) **PWRGSUPP** - ON
  - b) **EXT/INT** - INT
  - c) **ON/OFF** - ON
2. Connect the test setup as shown Figure
3. Apply an input voltage **V<sub>in</sub> = 2.9 V**
4. Apply **I<sub>out</sub> = 0mA** load.
5. Check that **V<sub>out</sub>** is **2.5 V**.
6. Increase **I<sub>out</sub>** up to **500 mA**
7. Check the voltage at **PWRG** pin **Upwrg = V<sub>in</sub>**
7. Increase **V<sub>in</sub>** up to **12 V** and decrease the load in accordance with **SOA**
8. Power down the Load
9. Power down the **V<sub>cc</sub>**
10. End of test