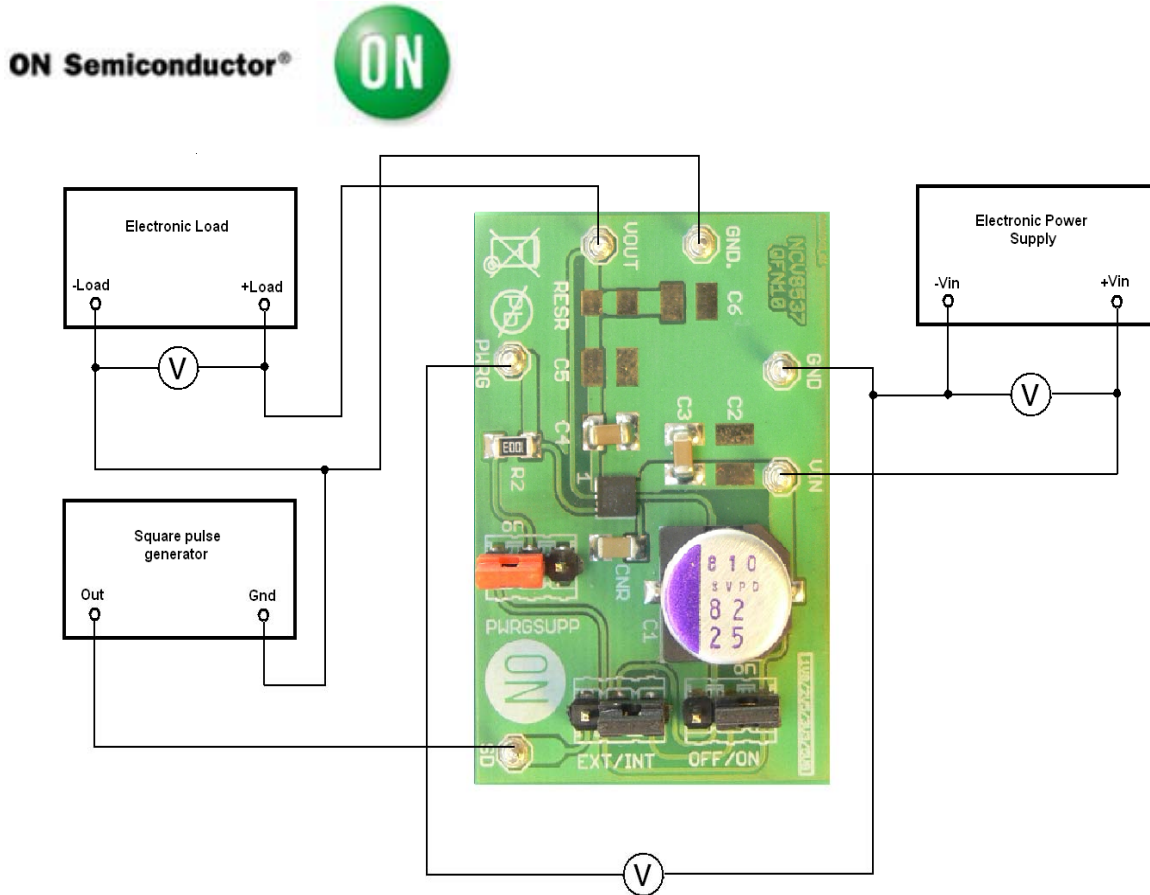


Test Procedure for NCV8537 1V8 DFN10 LDO Demoboard



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 $V_{in} = 2.9\text{ V}$
4. Apply $I_{out} = 0\text{ mA}$ load.
5. Check that V_{out} is **1.8 V**.
6. Increase I_{out} up to **500 mA**
7. Check the voltage at PWRG pin $U_{pwr} = V_{in}$
7. Increase V_{in} up to **12 V** and decrease the load in accordance with SOA
8. Power down the Load
9. Power down the V_{cc}
10. End of test