



## Test Procedure for the NCP59748MN1ADJTBGEVB Evaluation Board

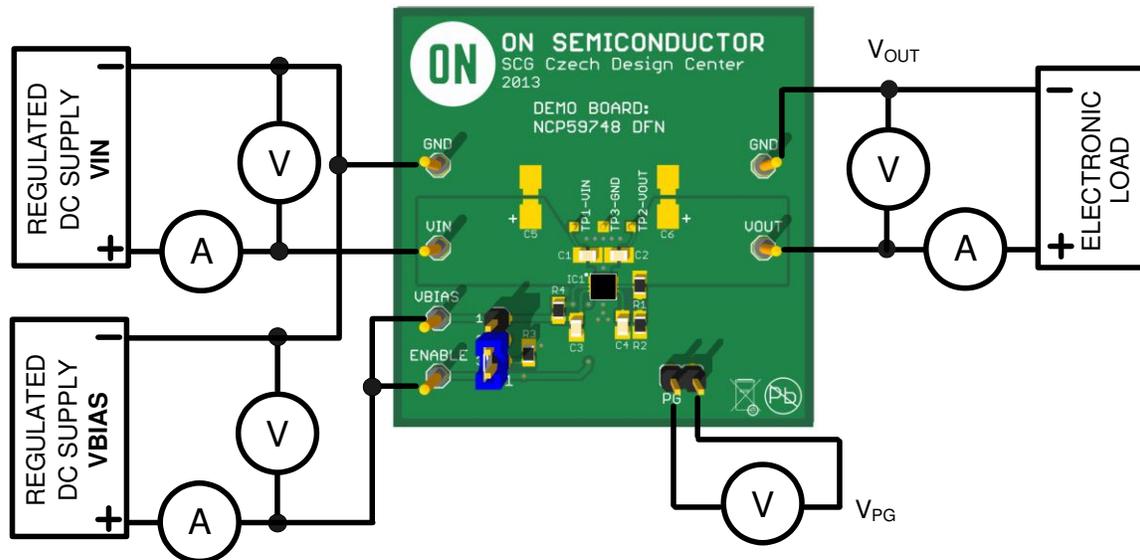


Figure 1: Test Setup

### Test Procedure

1. Connect the test setup as shown in Figure 1.
2. Apply supply voltage  $V_{in} = 1.5\text{ V}$
3. Apply supply voltage  $V_{bias} = 5.0\text{ V}$
4. Apply  $I_{out} = 10\text{ mA}$  load.
5. Check that  $V_{out}$  is  $1.2\text{ V}$
6. Increase  $I_{out}$  load current to  $1.5\text{ A}$
7. Check that  $V_{out}$  is  $1.2\text{ V}$
8. Decrease  $I_{out}$  load current to  $10\text{ mA}$
9. Check that voltage on PG output  $V_{PG}$  is  $5\text{ V}$
10. Decrease  $V_{in}$  voltage to  $0.9\text{ V}$
11. Check that voltage on PG output  $V_{PG} < 0.1\text{ V}$
12. Power down the load
13. Power down  $V_{in}$  and  $V_{bias}$  supply
14. End of test