

# TEST PROCEDURE FOR NCP163 AND NCV8163 EVALUATION BOARDS

This test procedure provides guidelines to verify EVB functionality.

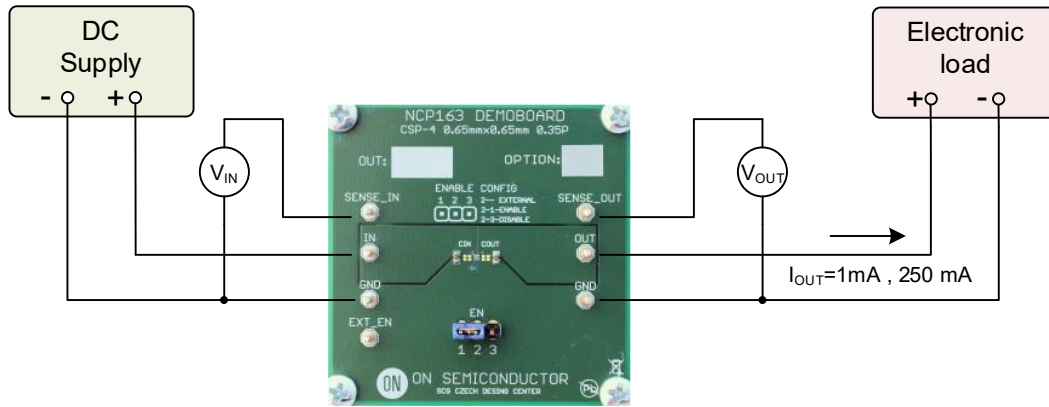


Figure 1: Test configuration for measurement V<sub>OUT</sub>

1. Connect circuit as shown figure on 1
2. Apply voltage at V<sub>Input</sub>. Default test V<sub>input</sub> is V<sub>out\_nom</sub>+1 V or 2.2 V whichever is greater
3. Set electronic load to 1mA and turn-on.
4. Check V<sub>OUT</sub>. It must be within specification  $\pm 2\%$ .
5. Turn-off the load.
6. Set electronic load to 250mA and turn-on.
7. Check V<sub>OUT</sub>. It must be within specification  $\pm 2\%$ .
8. Measurement is finished. Disconnect supply voltage.

*\*Note – If the voltage is out of specification, check V<sub>OUT</sub> on oscilloscope for an oscillation*