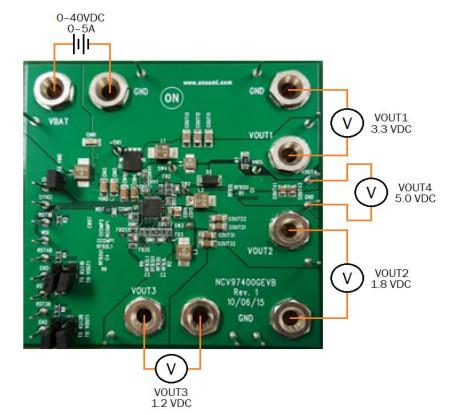
Test Procedure for the NCV97400GEVB Evaluation Board

The following steps will get you familiar with the setup of inputs and outputs of the NCV97400:

Required Equipment

- 1 DC Source ≥ 40 V, ≥ 2 A capable for VBAT
- 1 Oscilloscope 2 Channel minimum for VOUTs and SWs
- 1 Multi-meter for VOUTs
 - Disconnect all jumpers connected to the board.
 - Connect a 12 V DC power supply between the VBAT and GND terminals in the upper left of the evaluation board.
 - Connect a multi-meter or oscilloscope probe between the VOUT1 and GND terminals located in the upper right of the evaluation board.
 - Connect a multi-meter or oscilloscope probe between the VOUT2 and GND terminals located in the lower right of the evaluation board.

- Connect a multi-meter or oscilloscope probe between the VOUT3 and GND terminals located in the center of the bottom of the evaluation board.
- Connect a multi-meter or oscilloscope probe between the VOUT4 and GND terminals located in the center of the right edge of the evaluation board.
- 7. Connect the EN1 jumper to VIN0:
 - a. Verify that VOUT1 is 3.3 V and VOUT4 is 5.0 V.
- 8. Connect the EN2 jumper to VOUT1.
 - a. Verify that VOUT2 is 1.8 V.
- 9. Connect the EN3 jumper to VOUT1.
 - a. Verify that VOUT3 is 1.2 V.



NCV97400GEVB Test Connections