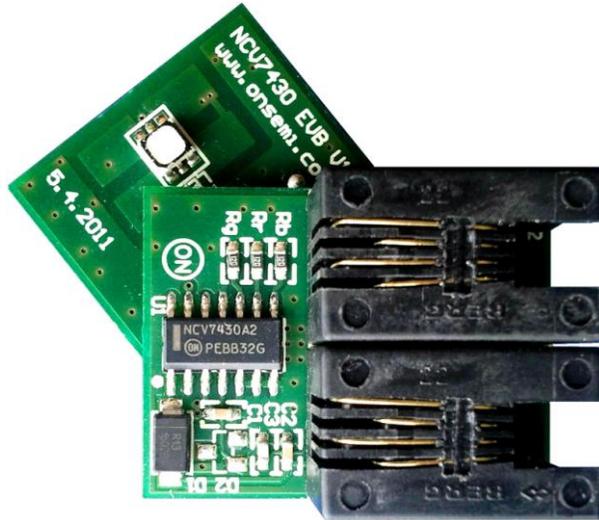




## Test Procedure for the NCV7430V1GEVK Evaluation Board



- 1) Install the NCV7430 Evaluation Software. The USB drivers are included in the installation package. This installation requires administrator rights.
- 2) Connect LIN Interface to USB and wait until the device is installed. This step requires administrator rights.
- 3) Connect the boards according to the figure below.

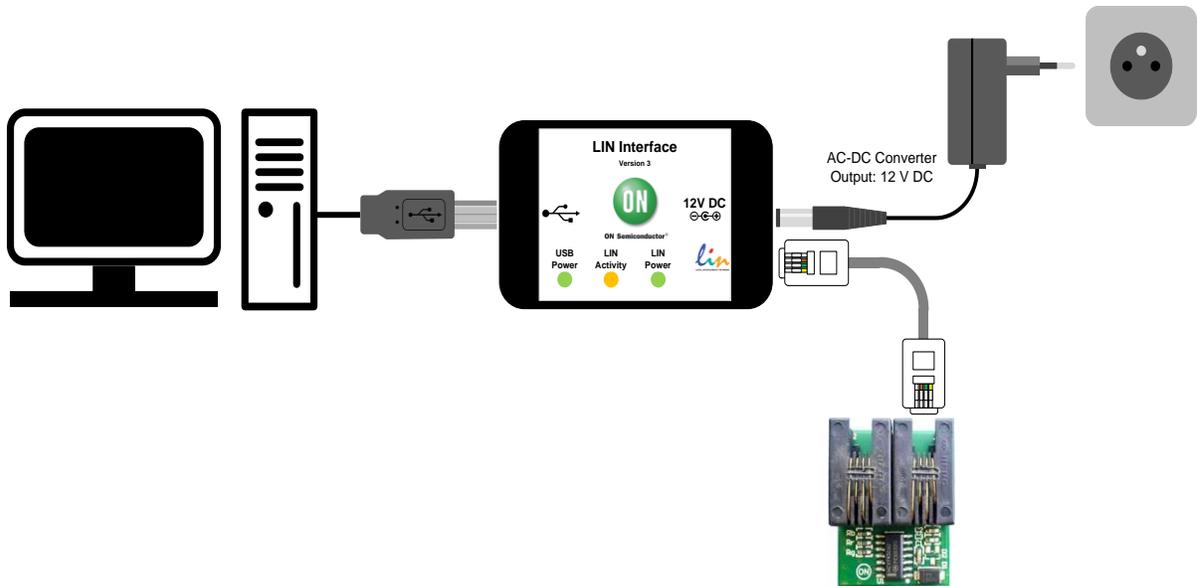
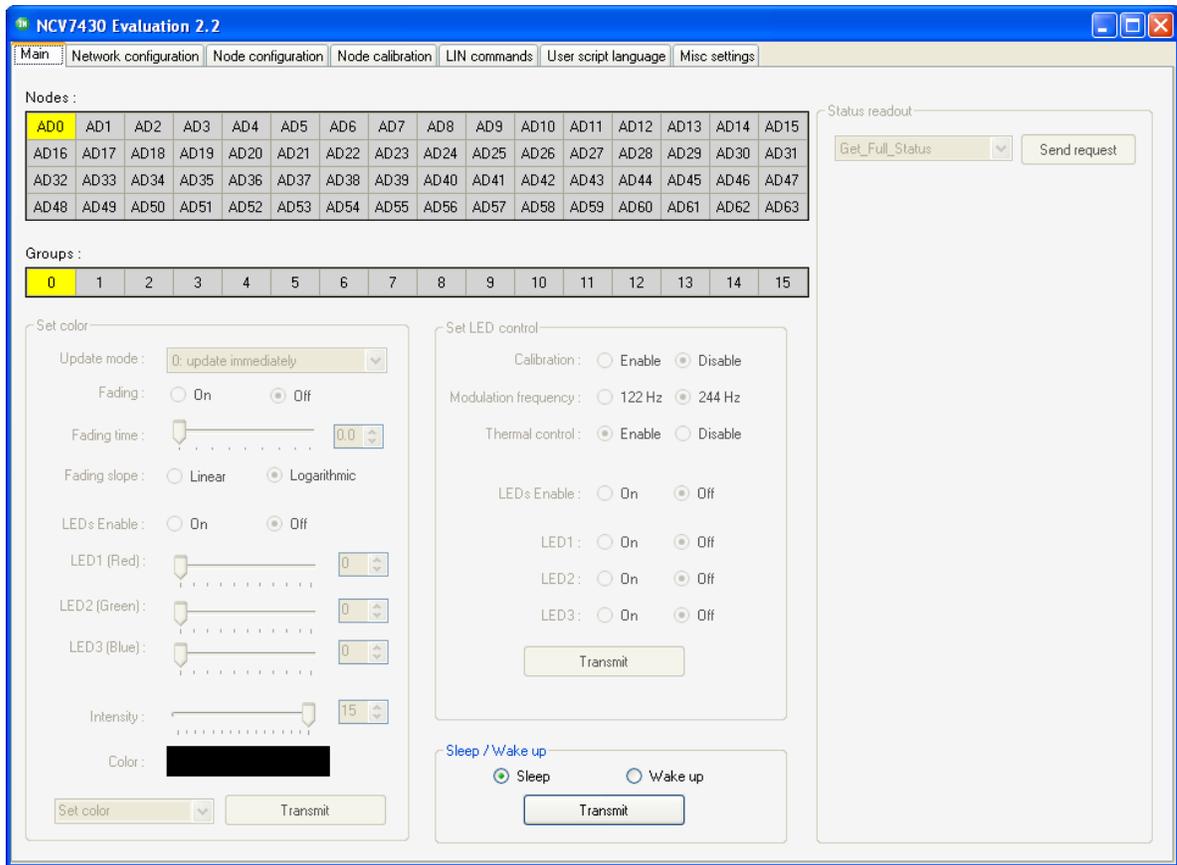


Figure 1. NCV7430 Evaluation Setup Connection

- 4) Run the NCV7430 Evaluation Software.
- 5) Figure 2 Node AD0 should be detected and highlighted in yellow, Figure 2.



**Figure 2. NCV7430 Evaluation Software Initial Screen**

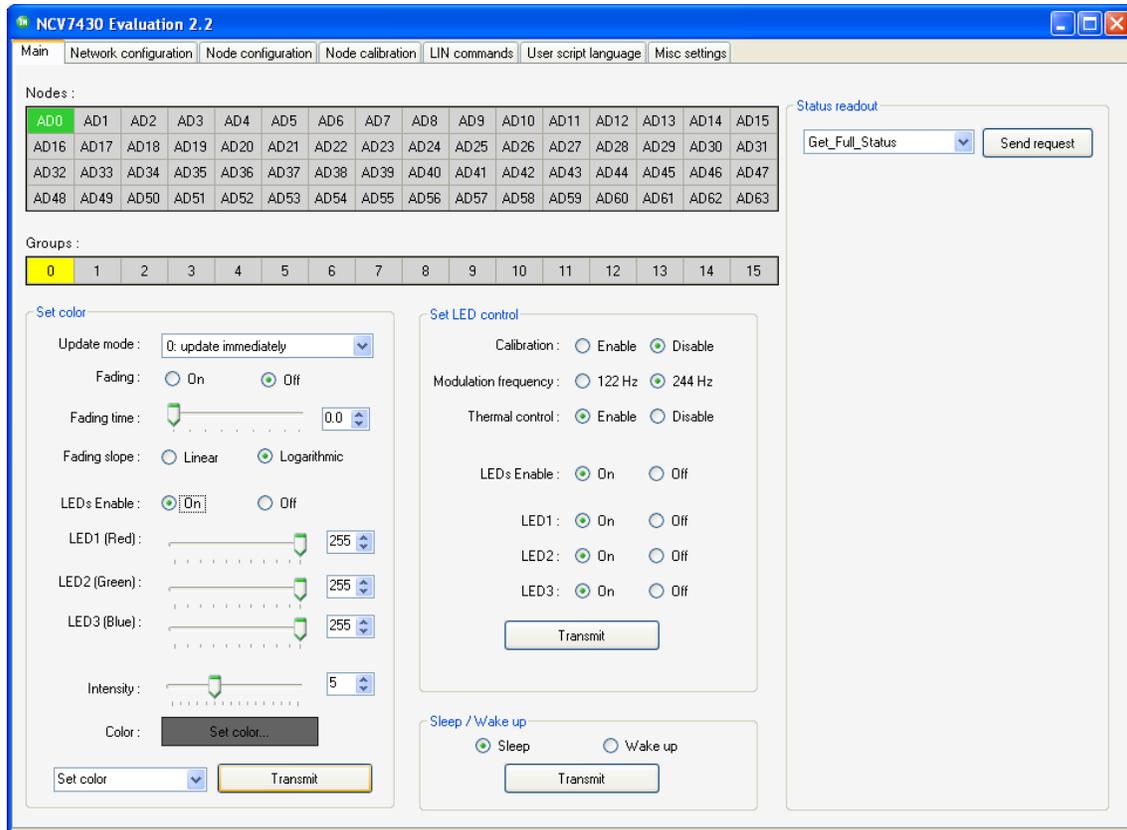
- 6) Click the detected node in “Nodes” table. The selected node should be highlighted in green and *Set\_Color* and *Set\_LED\_Control* frames should be enabled.

**Configure the *Set\_LED\_Control* frame as depicted in**

- 7) Figure 3 and click respective Transmit button.

**Configure the *Set\_Color* frame as depicted in**

- 8) Figure 3 and click respective Transmit button. These two commands can be sent in any order.



**Figure 3. NCV7430 Evaluation Software – *Set\_Color* and *Set\_LED\_Control* configuration**

- 9) The LED should be emitting white light (all three LEDs should be on at the corresponding intensity).
- 10) End of test.