Test Procedure for the NCP1236 Demoboard NCP1236B65NBGEVB





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Required Equipment:



Figure 1: Test Setup

The following steps describe the test procedure for all these boards:

Test Procedure:

- 1. Connect the test setup as shown in Figure 1.
- 2. Apply an input voltage, $V_{IN} = 90 \div 265 \text{ Vac}$
- 3. Apply $I_{OUT}(load) = 0$ A
- 4. Check that $V_{OUT} = 19 \text{ Vdc}$
- 5. Set I_{OUT} to 3.5 A
- 6. Check that $V_{OUT} = 19 \text{ Vdc}$
- 7. Turn off the load
- 8. Turn off V_{IN}
- 9. End of the test

Be careful when manipulating the boards in operation, lethal voltages up to 425V are present on the primary side. An isolation transformer is also recommended for safer manipulations.