

Test Procedure for the NCP12400A65WGEVB Evaluation Board



Figure 1. Test setup

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

Required Equipment:

AC Power Source able to provide universal input voltage (e.g. EXTECH 6800 AC Power Source)..... 1pc

Electronic Load able to measure up to maximum loading current (e.g. Chroma 63030)... 1pc

Power Meter able to measure up input wattage (e.g. YOKOGAWA WT210)..... 1pc

Oscilloscope able to measure up waveform (e.g. LeCroy 24Xs-A) 1pc

Test Procedure:

1. Connect the test setup as shown at Figure 2.
2. Apply an input voltage, $V_{IN} = 90 \sim 264 \text{ Vac}$
3. Apply $I_{OUT}(\text{load}) = 0 \sim 3.42 \text{ A}$
4. Check the value or waveform on equipment
5. Turn off V_{IN}
6. End of the test