



Test Procedure for the NCP380LMUAJAGEVB Evaluation Board

Equipment Needed:

1. Power Supply (5V, 3A)
2. Potentiometer/Load (100Ω, 10W)
3. Multimeter

Note: Cables should be as short as possible to lower their inductance value – otherwise you may harm either the input or output pins of the device

Set-up & Test:

1. Apply $V_{in} = 4V$ dc (Over Current Limit = Adjustable, 1.0A recommended) on IN test point.
2. Connect a 100Ω, 10W load between Vout test point and GND strap.
3. Connect Current Limit Jumper.
4. Toggle EN strap between Low and High sides.
5. OUT must change from 0 to 4V by toggling the EN switch.