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Test Procedure for the NCP1523B Evaluation Board

ON Semiconductor®



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Equipment needed

- Power supply
- Digital Volt Meter
- Digital Amp Meter

Test

- 1) Jumper ENABLE should be open.
- 2) Set the power supply to 3.6 V and the current limit to at least 800 mA.
- 3) Connect the power supply connector to connectors VIN+ and VIN-. The DC current measurement on Vin line should be around 0.3 μ A.
- 4) Close ENABLE connector. The DC current measurement on Vin line should be around 3mA.
- 5) Measure the output voltage between VOUT+ and VOUT- connectors. You should see around 1.2 V voltage operation.
- 6) Remove the ENABLE jumper. The DC current measurement on Vin line should be back around 0.3 μ A.