

Test Procedure for the NCP706MX22TAGEVB Evaluation Board



Test procedure:

1. Check the position of jumpers and correct those if necessary in acordance with the picture above.

- a) ON/OFF RED
- b) EXT
- **BLUE BLACK** c) SENSE
- 2. Connect the test setup as shown Figure above
- 3. Appy an input voltage Vin = 2.5 V
- 4. Appy Iout = 0mA load.
- 5. Check that Vout is 2.2 V +/-1%.
- 6. Increase lout up to 1A
- 7. Check that Vout is 2.2 V +/-1%.
- 7. Increase Vin up to 5.5 V and decrease the load in accordance with SOA
- 8. Power down the Load
- 9. Power down the Vcc
- 10. End of test

Jumper functions description:



Internal ENABLE On state



Internal ENABLE Off state



External ENABLE Signal



External SNS Signal, connect to positive load node for voltage drop at output and load wiring compensation.