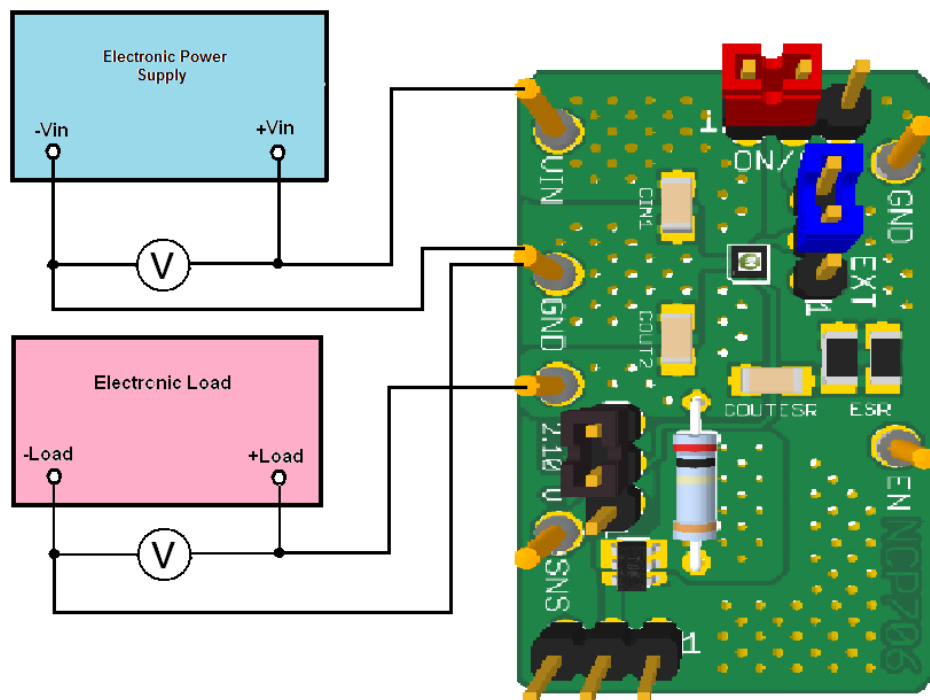




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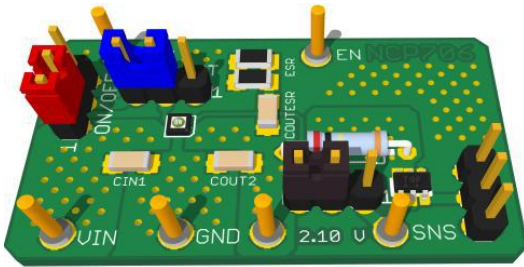
Test Procedure for the NCP706MX21TAGEVB Evaluation Board



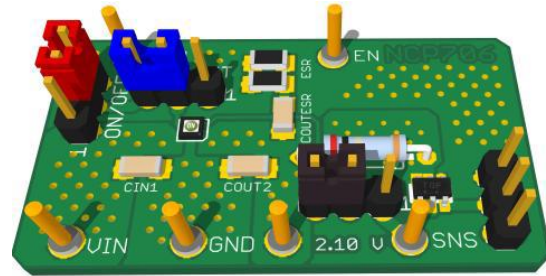
Test procedure:

1. Check the position of jumpers and correct those if necessary in accordance with the picture above.
 - a) ON/OFF RED
 - b) EXT BLUE
 - c) SENSE BLACK
2. Connect the test setup as shown Figure above
3. Apply an input voltage $V_{in} = 2.4\text{ V}$
4. Apply $I_{out} = 0\text{ mA}$ load.
5. Check that V_{out} is $2.1\text{ V} \pm 1\%$.
6. Increase I_{out} up to 1 A
7. Check that V_{out} is $2.1\text{ V} \pm 1\%$.
7. Increase V_{in} up to 5.5 V and decrease the load in accordance with SOA
8. Power down the Load
9. Power down the V_{cc}
10. End of test

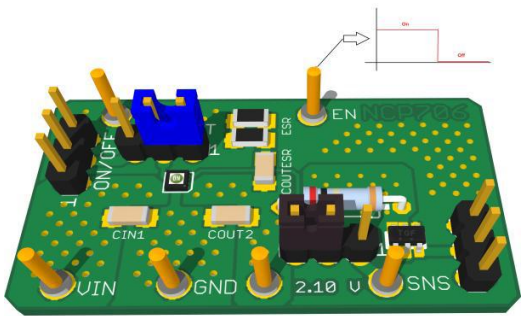
Jumper functions description:



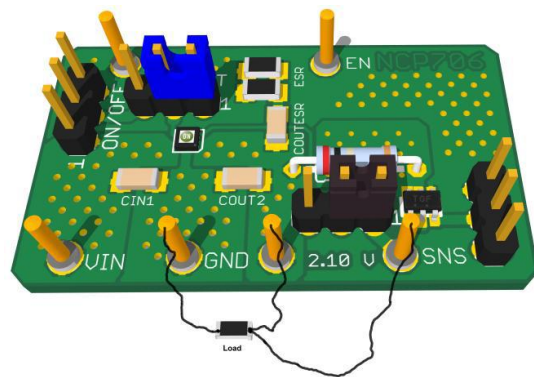
Internal ENABLE On state



Internal ENABLE Off state



External ENABLE Signal



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