Test Procedure for the NCP692, 1A, LDO

ON Semiconductor



Test Setup:





Required Equipment:

2 x Voltmeters 2 x Ampere meters DC Power Supply – up to 6V at 1A Electronic Load Test Procedure for the NCP692, 1A, LDO

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Test Procedure:

- 1. Connect the test setup as shown on Figure 1.
- 2. Place the Jumper JP1 to connect VIN and EN pins (Figure 1).
- 3. Set the Electronic Load to constant currant mode at 1 amp.
- 4. Apply the Input Voltage of exactly .5 volts higher than the specified output voltage on the silkscreen.
- 5. Verify that the Voltage Regulator turns on and that the output voltage is equal to the required nominal value.
- 6. Move the JP1 position from VIN-EN to GND-EN.
- 7. Verify that the regulator turns off.