

Test Procedure for the NCP3063 Buck – DFN

ON Semiconductor®



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Figure 1: Test Setup DFN

Table 1: Required Equipment

Voltage Supply (12V, 3A)	Voltage Meter	Electronic Load
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Test Procedure:

- 1. Connect the test setup as shown in Figure 1.**
- 2. Apply an input voltage, $V_{cc} = 12V$**
- 3. Apply $I_{out} = 0mA$ load.**
- 4. Check that V_{out} is 3.3V (3.25V – 3.35V)**
- 5. Increase I_{out} load to 800mA**
- 6. Check that V_{out} is 3.3V (3.25V – 3.35V)**
- 7. Power down the load**
- 8. Power down V_{cc}**
- 9. End of test**