

Test Procedure for NCP565 Fixed demonstration board

ON Semiconductor®



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Test procedure for NCP565 Fixed demonstration board

1. Test equipment:

- a. DC power supply
- b. 2 multi-meters
- c. Electrical Load
- d. Oscilloscope

2. Test procedure:

a. Connect the demo board as shown in Figure 1

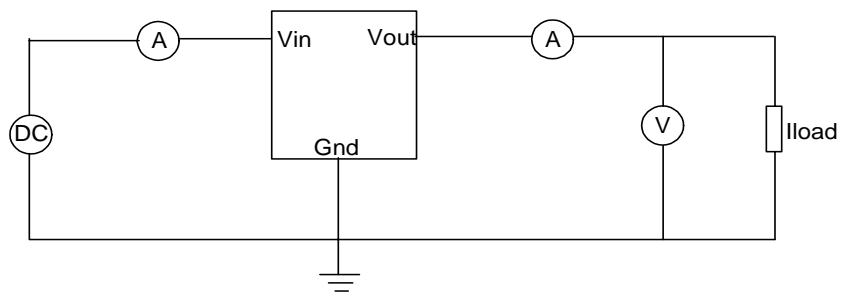


Figure 1: NCP565 Test Setup

b. Turn on the power supply to 5V and no load current. Check Vout is about 1.2 V.

c. Adjust load current from 10mA to 1.5A and use the scope to see NCP565 Pin 4(Vout pin) voltage. Make sure it is 1.2 V and no oscillation on it.