

Test Procedure for NCP565 Fixed demonstration board

ON Semiconductor®



07/17/2004

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

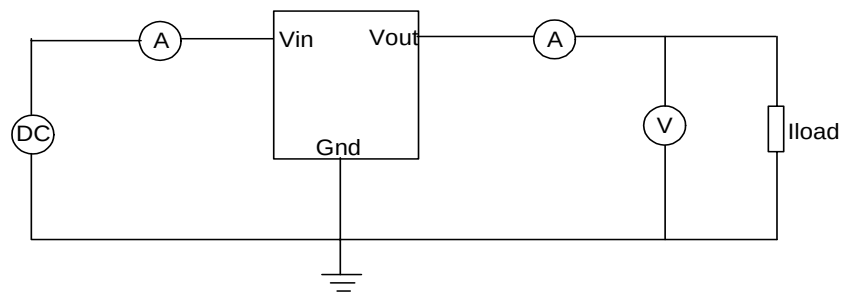


Figure 1: NCP565 Test Setup

- 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.