



Test Procedure for the NLAS7242MUGEVB Evaluation Board

Test Procedure:

Equipment

- DC Power Supply
- 2 Banana Cables
- Computer with USB port
- USB Flash Drive
- USB Cable (Type A to Type B)

Procedure

1. Set the power supply to 3.3 V. Connect the power supply from **VCC** to **GND** using the banana cables. The supply current should be less than 1 μ A.
2. Connect the USB drive to the **Common I/O** USB port.
3. Select the desired output port (**HSD1** or **HSD2**) by moving the jumpers to the appropriate logic level for **S** and **OE**, as shown in the function table in Table 1.
4. Connect the USB cable from the desired output port (**HSD1** or **HSD2**) to the computer's USB port. You will now be able to access the USB drive through the computer.

Table 1. Function Table

OE/	S	HSD1+, HSD1-	HSD2+, HSD2-
1	X	OFF	OFF
0	0	ON	OFF
0	1	OFF	ON

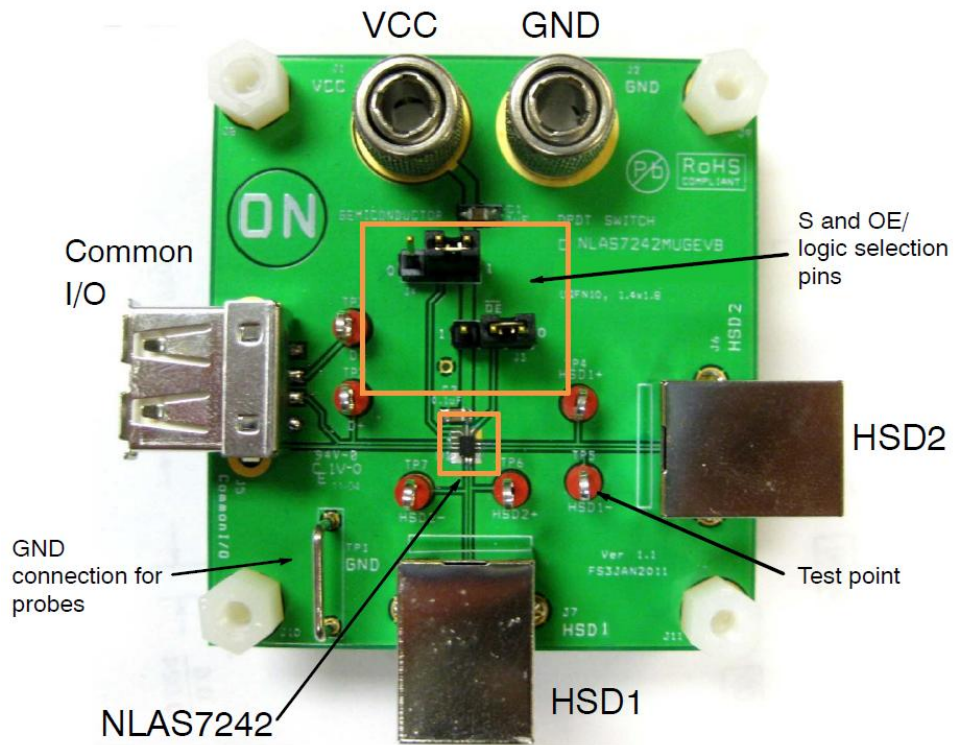


Figure 1. Demo Board Close-Up