ON Semiconductor

Test Procedure for the NLAS7222CMUGEVB Evaluation Board

Equipment Needed:

− DC Power Supply
− Two 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 μA.
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 below.
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

$\overline{\text{OE}}$	S	HSD1+, HSD1-	HSD2+, HSD2-
1	X	OFF	OFF
0	0	ON	OFF
0	1	OFF	ON