Members: _____   Group #: _____

                   _____

Prelab Mark:

        Not done (0) / Incomplete (1) / Complete (2)   TA: _____

Answer all of the following questions before coming into the lab.

8-bit Digital-to-Analog Converter AD558JN

1. Study the details of the Analog Devices AD558. You will have received a copy of the device data sheet in class. It is also available online at the class web site, and directly from the Analog Devices web site. The version we are using is the AD558JN – see page 2 and page 8 for details on the **J** and **N**.

2. Sketch a circuit diagram of the interface described in the lab. You must be ready to start building your circuit as soon as you come into the lab.

3. You must write 5 short programs for this lab. *Write the first program before coming into the lab.* Be prepared to show the program code to a TA.