

Members: _____ Group #: _____

Perform the following tasks/answer all of the following questions before coming into the lab. You will lose marks if your prelab is incomplete.

8-bit Digital-to-Analog Converter AD558JN

1. **Study the details of the Analog Devices AD558:** The relevant information is available online on the course website, or directly from the Analog Devices website. The version we are using is the AD558JN – see page 2 and page 9 of the datasheet 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 some short programs for this lab. **At least write the first program before coming into the lab.** Be prepared to show the program code to a TA.