Laboratory #8 Pre-lab

Class:

Name: Student ID:

1. In lab 8, we will test a 4-bit ADC with VREF=5V using IC ADC0804. What is the VLSB in this work ? Please plot the input-output transfer curve (You can refer to Fig. 8.2). Use binary code to represent the output signal. Normalize the input voltage to reference voltage (VREF).
2. Please briefly describe the pins function of ADC0804. You can find the information from datasheets and the related links could be found in page 6.