

**THE 9S12 ANALOG TO DIGITAL CONVERTER****WEEK 2****Pre-Lab**

1. Write the program for Parts 1 and 2.
2. Calculate the expected 10-bit result when the voltage input to PAD8 is:
  - a) 0.0 V
  - b) 1.0 V
  - c) 2.0 V
  - d) 2.5 V
  - e) 3.0 V
  - f) 4.0 V
  - g) 5.0 V