EE 308 – LAB 4

**9S12 Subsystems: Pulse Width Modulation, A/D Converter, and
Synchronous Serial Interface**

WEEK 1

Pulse Width Modulation

Pre-Lab

1. Calculate the times asked for in Part 3.

2. Determine values you need to write to the PWM registers (except for the Duty Cycle register) to control
the motor.

3. Calculate the values needed for the Duty Cycle Register to give the duty cycles needed for Part 4.