

MIE438 – Microprocessors and Embedded Microcontrollers

Laboratory Experiment 8

Deliverable

Department of Mechanical and Industrial Engineering

University of Toronto

NOTE: For all waveform captures, you may upload them using links provided on the course page instead of attaching them to the PDF.

Last Name, First Name	Student Number

Q1. Code for InitializeSPI()

Q2. Code for SPI_Send()

Q3.

Attach or upload SPI waveform capture

Q4. Code for DAC_SetOutputA ()

Q6.

**Frequency of sine wave
(theoretical maximum)**

Q7.

**Frequency of sine wave
(base code, non-optimized)**

Q8. Describe your optimizations and copy/paste relevant code here:

Q9.

	Frequency of sine wave (optimized code)
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