# Lab 3 Pre-lab Example

## Team Information

**Lab number:** Click here to enter text.

**Date:** Click here to enter a date.

**Team Members:** Click here to enter text.

**Team Number/Name:** Team Member Responsibilities

**Software Design:** Click here to enter text.

**Hardware Design:** Click here to enter text.

**Quality Assurance:** Click here to enter text.

**Systems Integrator:** Click here to enter text.

**Wiki Creator:** Click here to enter text.

# Hardware

### Part 1

Draw the schematics or create a table detailing the connections for Part 1 of Lab 3. An example is provided.

### Part 2

Draw the schematics or create a table detailing the connections for Part 2 of Lab 3. An example is provided.

# Tests

### Part 1

List the tests that you intend to do based on the Lab 3 procedures. Describe the name of the test, the tool you intend to use, and a description of the test. Do this for each part in Lab 3.

You may also include any software tests that you intend to make.

### Part 2

List the tests that you intend to do based on the Lab 3 procedures. Describe the name of the test, the tool you intend to use, and a description of the test. Do this for each part in Lab 3.

You may also include any software tests that you intend to make.

# Software

### Part 1

List the relevant control registers for controlling the ADC and output-compare modules in Lab 3.

### Part 2

Describe the function of the microcontroller as a finite-state machine.