# Lab 2 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.

# Hardware

### Part 1

Draw the schematics **or** create a table detailing the connections for Part 1 of Lab 2. Include colors for the wires in your diagrams.

# Tests

### Part 1

List the tests that you intend to do based on the Lab 2 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 1.

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

### Part 2

# Software

### Part 1

List the relevant control registers for part 1 of this lab.

Also describe the function of the microcontroller software as a finite-state machine in Part 1 of this lab.

### Part 2

List the relevant control registers for part 2 of this lab.

Also describe the function of the microcontroller software as a finite-state machine in Part 2 of this lab.