

In this assignment, you will be assembling a predefined circuit, 5V Stepper Control. It uses only a few components and cables to show the capabilities of electronic motors.

Final Deliverables

One Functioning Circuit

2c- 5V Stepper Control(Motor)

What you'll need

5V Stepper Control Sketch(Code)-

Follow the Instructions and Parts list found at the top of the code provided. It will walk you through connections, switches, compiling, and uploading your code. Then once finished test out your circuit by moving the joystick and watching the motor spin.

Components Required

Arduino Uno- Arduinos

Grove Base Shield- Arduinos

USB B to USB A Cable- Misc Cables

I2C Motor Driver- Motor Drivers

5v Stepper Motor- Motors

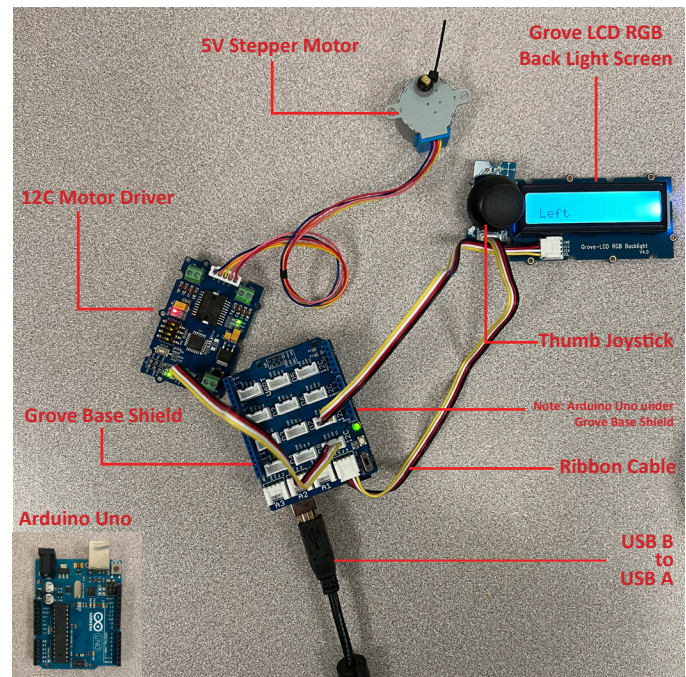
Thumb Joystick- Dials/Switches/LEDS

Grove LCD RGB Back light Screen v4.0- Dials/Switches/LEDS

Instructions

All instructions on assembly and programming are within the Sketch/Code.

(Proceed to M5A3)



(Code Download Link)