

Position Control of Multiple Servos and Stepper Motors with an Arduino

Control of multiple servos and stepper motors by a single Arduino is demonstrated with a 16 channel I²C device incorporating a PCA9685 IC.

Applications include, for example, robotics.

Documentation for the demonstration equipment is stored in GitHub repository:

https://github.com/James-Canova/PWM_motors.git

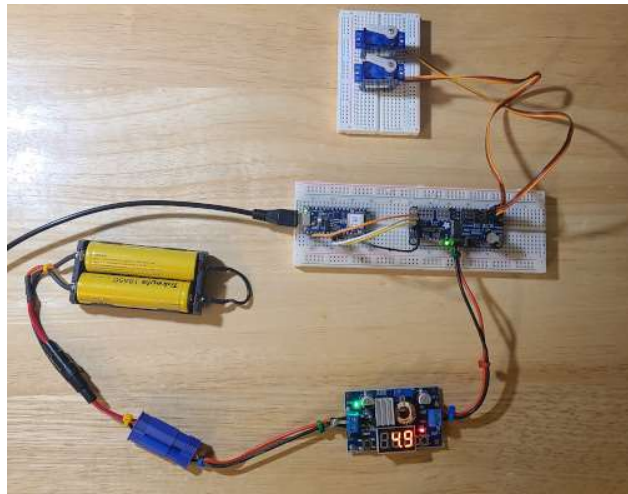


Figure 1 – Servo control demonstration equipment

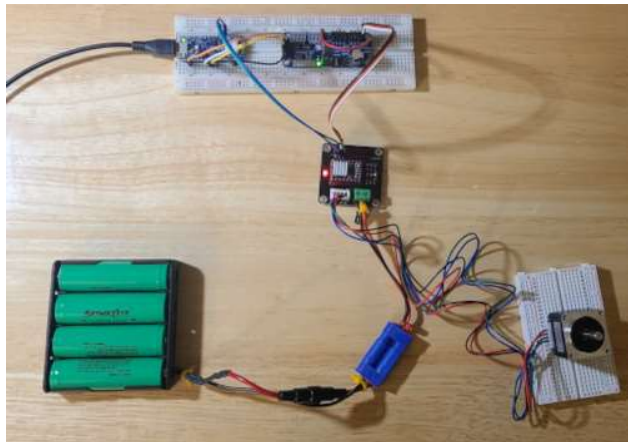


Figure 2 – Stepper motor control demonstration equipment

