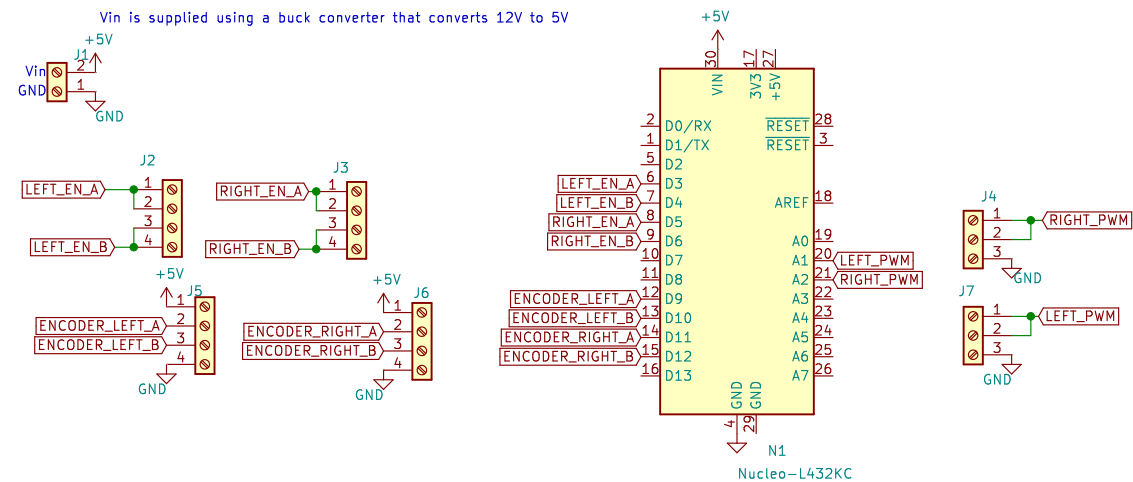


The speed of the motor controller is controlled using PWM
and the direction of the motor is controlled using the enable pins A and B.

Each side of the robot has two motors connected together to provide more torque.
The motors share a PWM signal and enable pins on their respective sides.

Vin is supplied using a buck converter that converts 12V to 5V



Tyler Julian – Sooner Competitive Robotics

Sheet: /
File: MotorNucleo.sch

Title: Motor Nucleo

Size: A4
KiCad E.D.A. kicad (5.1.5)–3

Date:
Rev: 2
Id: 1/1