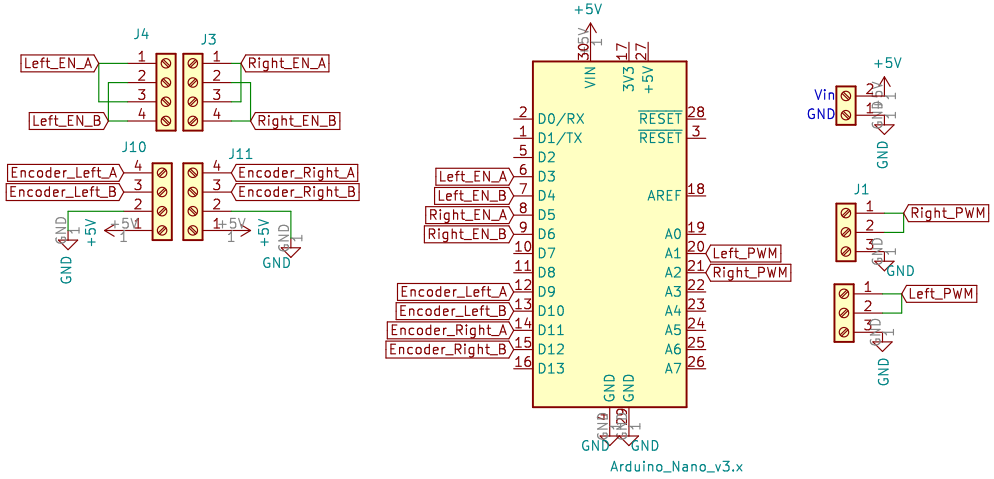
The speed of the motor controller is controlled using PWM and the direction of the motor is controlled using the enable pins A and B.

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



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