



#### Supply:

Vm -> Motor supply

Vc -> Microcontroller supply

Ve -> Encoder supply

#### Serial communication - I2C:

SDA -> Serial Data

SCL -> Serial Clock

#### H-Bridge output (new motor supply):

OA -> Output A

OB -> Output B

#### H-Bridge input - PWM:

IN3 -> Microcontroller PWM 1

IN4 -> Microcontroller PWM 2

#### Encoder output:

ECA -> Channel A

ECB -> Channel B

