

(drive axle)

(steering)

Motor

Motor

Motor Vout (+9v)

Motor Vout (+9v)

Motor Vout (+9v)

Motor Vout (+9v)

Data Vin (+3.3v)

Motor Vin (+9v)

Motor controller

Data gnd

Gnd

Sbby

Drive PWM

Drive Direction 1

Drive Direction 2

Steer PWM

Steer Direction 1

Steer Direction 2

+3.3 V

Battery
+ 9v

Raspberry
Pi

Li
Battery
bank
10w

