

Navigation module

Raspberry Pi

TCP
messages

TCP messages

Wheel module (x 4)

Microcontroller with Ethernet
(Adafruit Feather 32u4)

Target angle
0 to 3.3V

Target speed
0 to 3.3V

Microcontroller
(Arduino Pro Mini)

Wheel controller

Stepper Controller
(Pololu md09h)

Electrical Wheel

Stepper

RC module

Microcontroller with Ethernet
(Adafruit Feather 32u4)

RC receiver