**PROCESSOR**

We are using raspberry pi zero w 1GHz , single core cpu

512 MB ram

with wireless LAN and bluetooth

supports I2C and SPI protocols

PID control

nothing here yet

! there are ready modules called flight controllers which implement the PID

! check dRonin software which may become useful

! we could find other open source projects on pid and quadcopters.

! multi wii platform

HOW TO USE RASPBERRY

we use the wiringpi library and write the code just like with the arduino

<https://www.youtube.com/watch?v=EVm0qVJ56II&list=PLf8VTZ_ZQlUeNvAZ2nepyjaSggD2WmUWa&index=35>