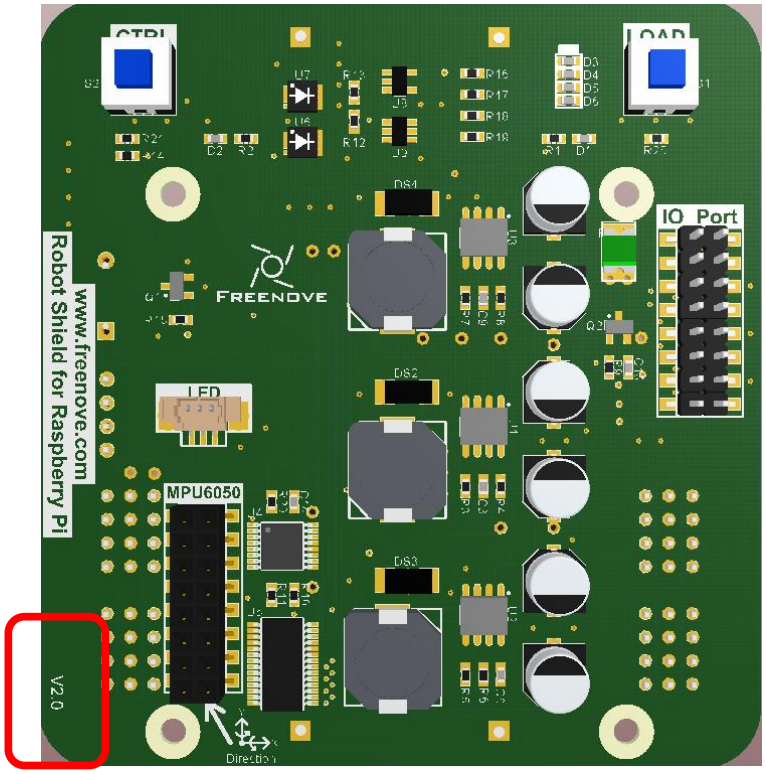
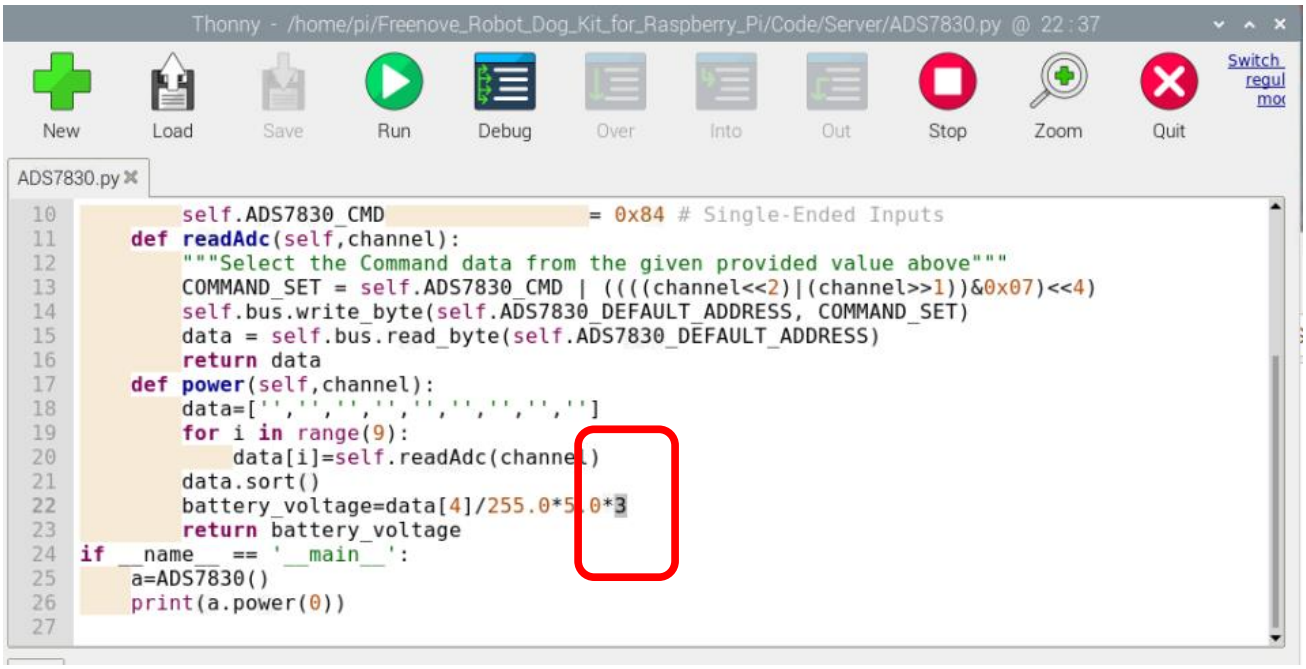
For various verisons of Robot Shield for Raspberry Pi, it requires different modification. Please check the version of your Robot Shield for Raspberry Pi.



If the version is 2.0 or later, you do not need to make any modification.

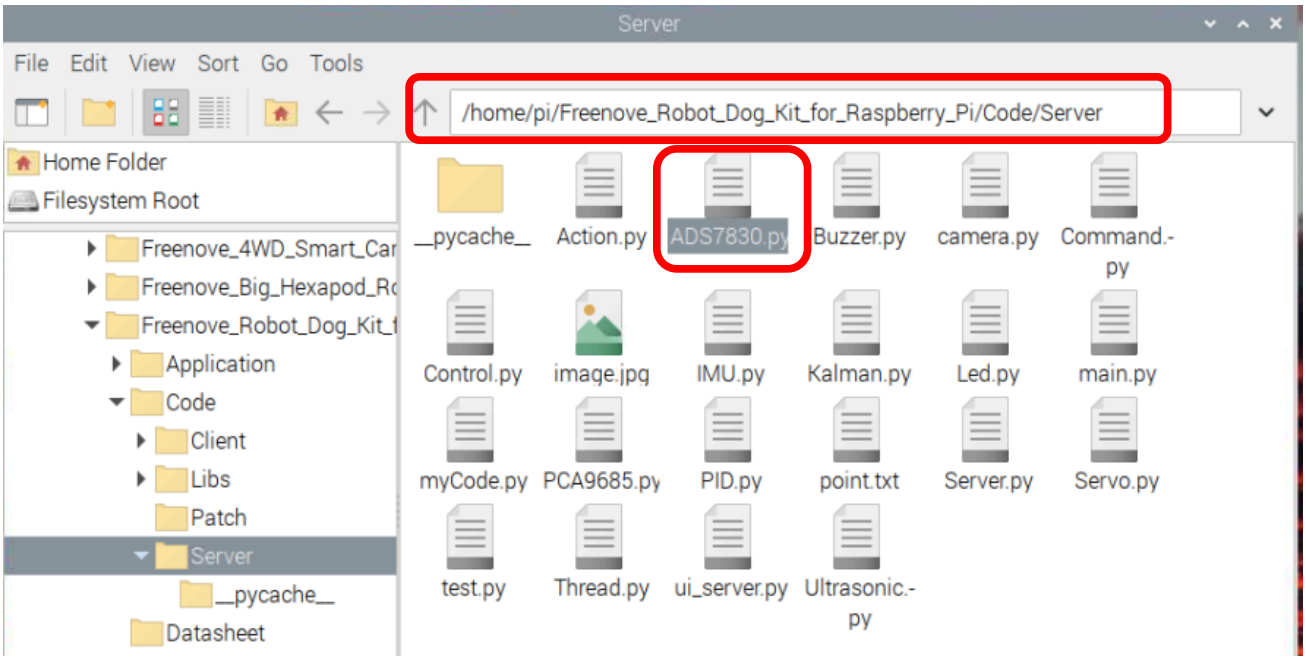
If it is v1.0 – v1.9, please modify the ADS7830.py.

Change **battery_voltage=data[4]/255.0*5.0*2** to **battery_voltage=data[4]/255.0*5.0*3**, as shown below.



Save the change.

ADS7830.py is under the directory Freenove_Robot_Dog_Kit_for_Raspberry_Pi\Code\Server.


Server
File Edit View Sort Go Tools
/home/pi/Freenove_Robot_Dog_Kit_for_Raspberry_Pi/Code/Server
Home Folder
Filesystem Root
Freenove_4WD_Smart_Car
Freenove_Big_Hexapod_Rc
Freenove_Robot_Dog_Kit_f
Application
Code
Client
Libs
Patch
Server
__pycache__
Datasheet
__pycache__
Action.py
ADS7830.py
Buzzer.py
camera.py
Command.-py
Control.py
image.jpg
IMU.py
Kalman.py
Led.py
main.py
myCode.py
PCA9685.py
PID.py
point.txt
Server.py
Servo.py
test.py
Thread.py
ui_server.py
Ultrasonic.-py