

Sonar MB 7052 and Lopy

1.Connect sonar to pycom extension board:

grey= GND

red= 3V3

yellow=p18

2.sonar.py:

this program contains the function `get_sonar_dist()`

the function averages the voltage from the ADC (Analog to Digital Converter) 10 times

it converts the voltage to cm according to the datasheet from the MB7052 sonar (+- 3.1 mV/cm)

and returns the measured distance in cm.

3.main.py:

This program import sonar

Calls the function `sonar.get_sonar_dist()` and prints the distance to screen.



