

2leggedRobot

In collaboration with [Prof. Dr.-Ing. Gerald Schuller](#) we are trying to help with his two-legged robot.

<https://github.com/TUImenauAMS/2-Legged-Robots>

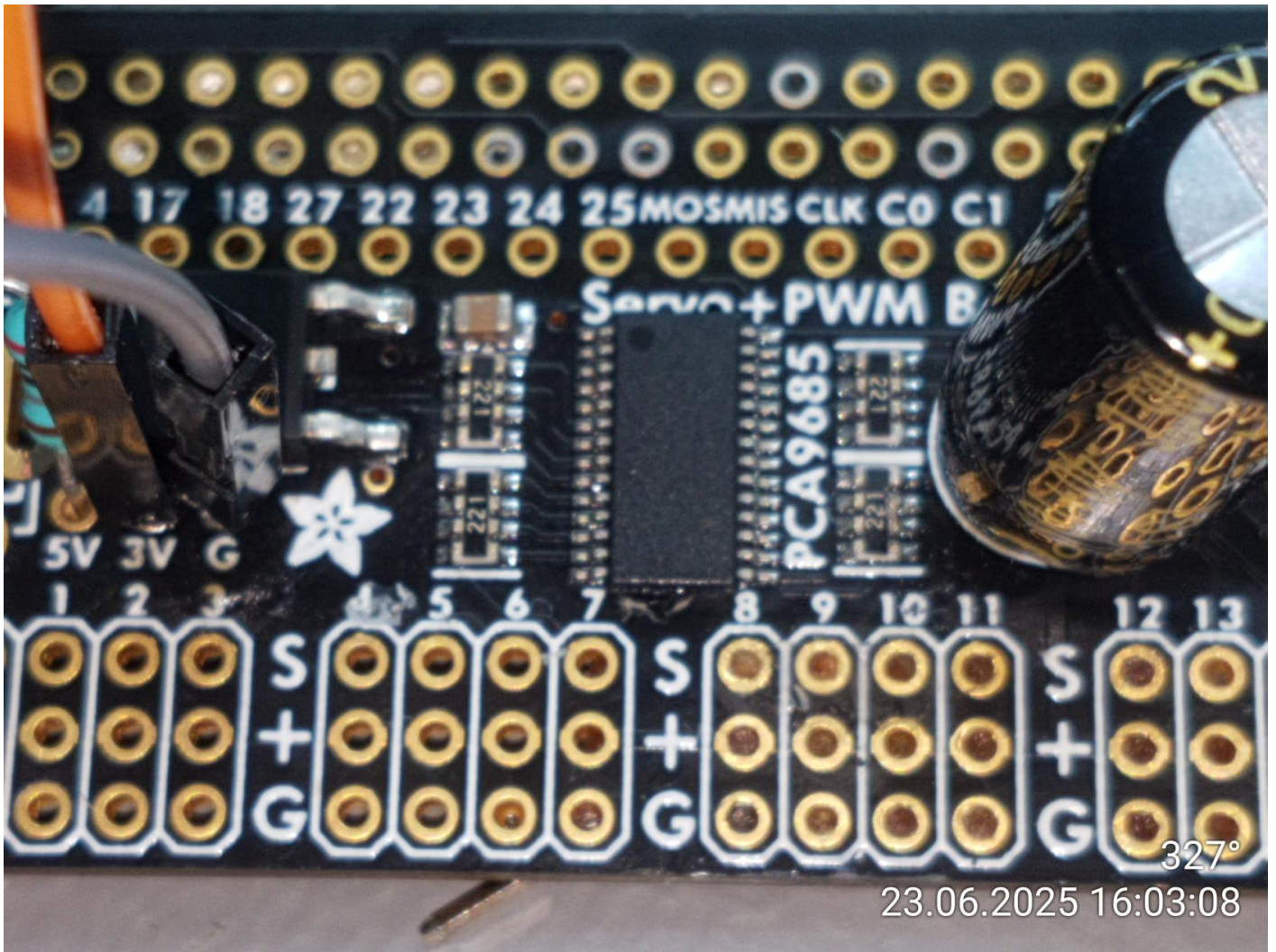
image010.png

[2legged_robot_01.blend](#)

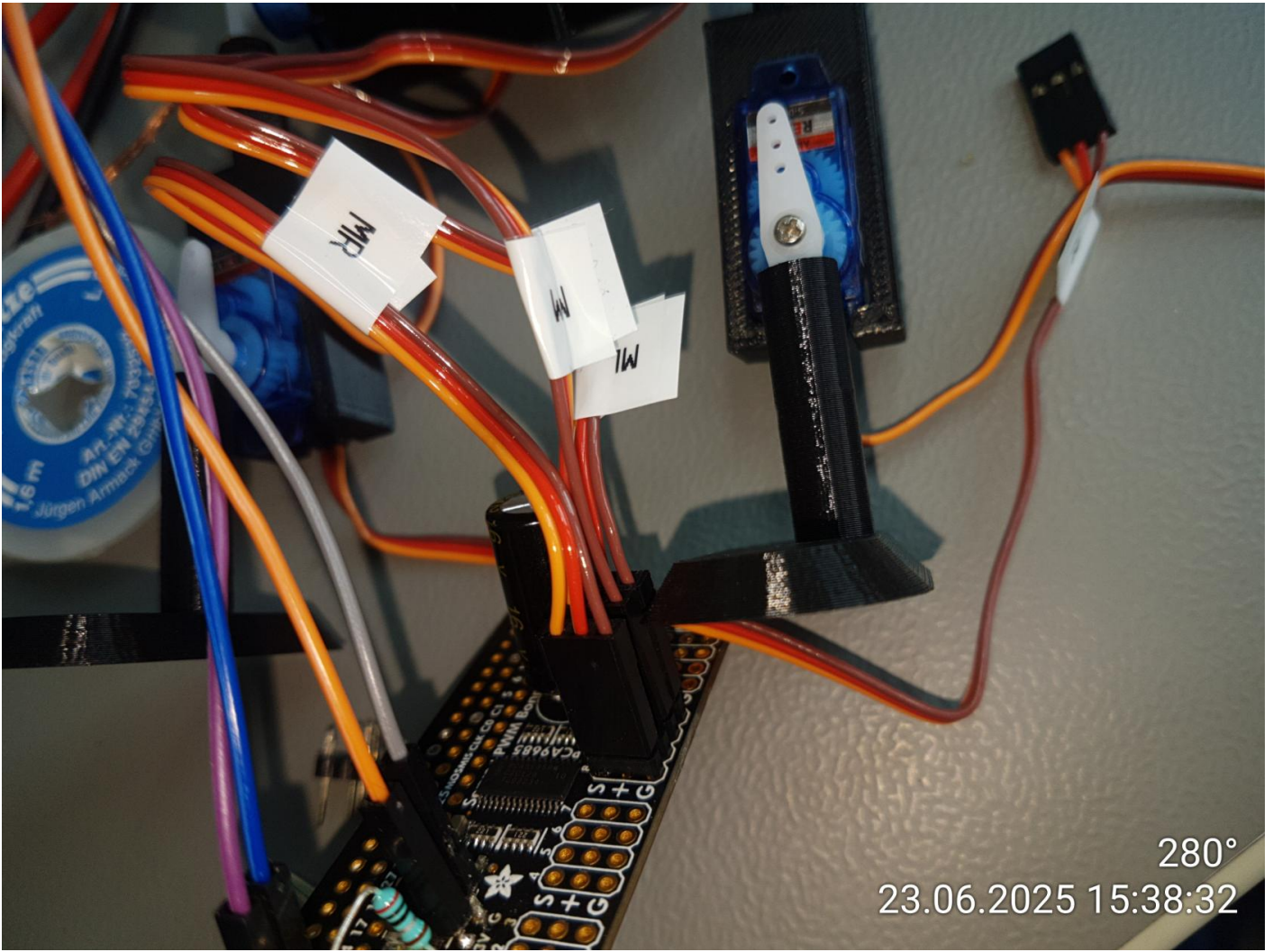
We are working on pressure sensors for the feet.

image007.png

We wanted to try a material from [Junior-Prof. Hongye Sun](#) as a pressure sensor, but unfortunately the long-term signal repeatability does not seem to be consistent enough. We will continue to work with her and her team to hopefully improve the results.

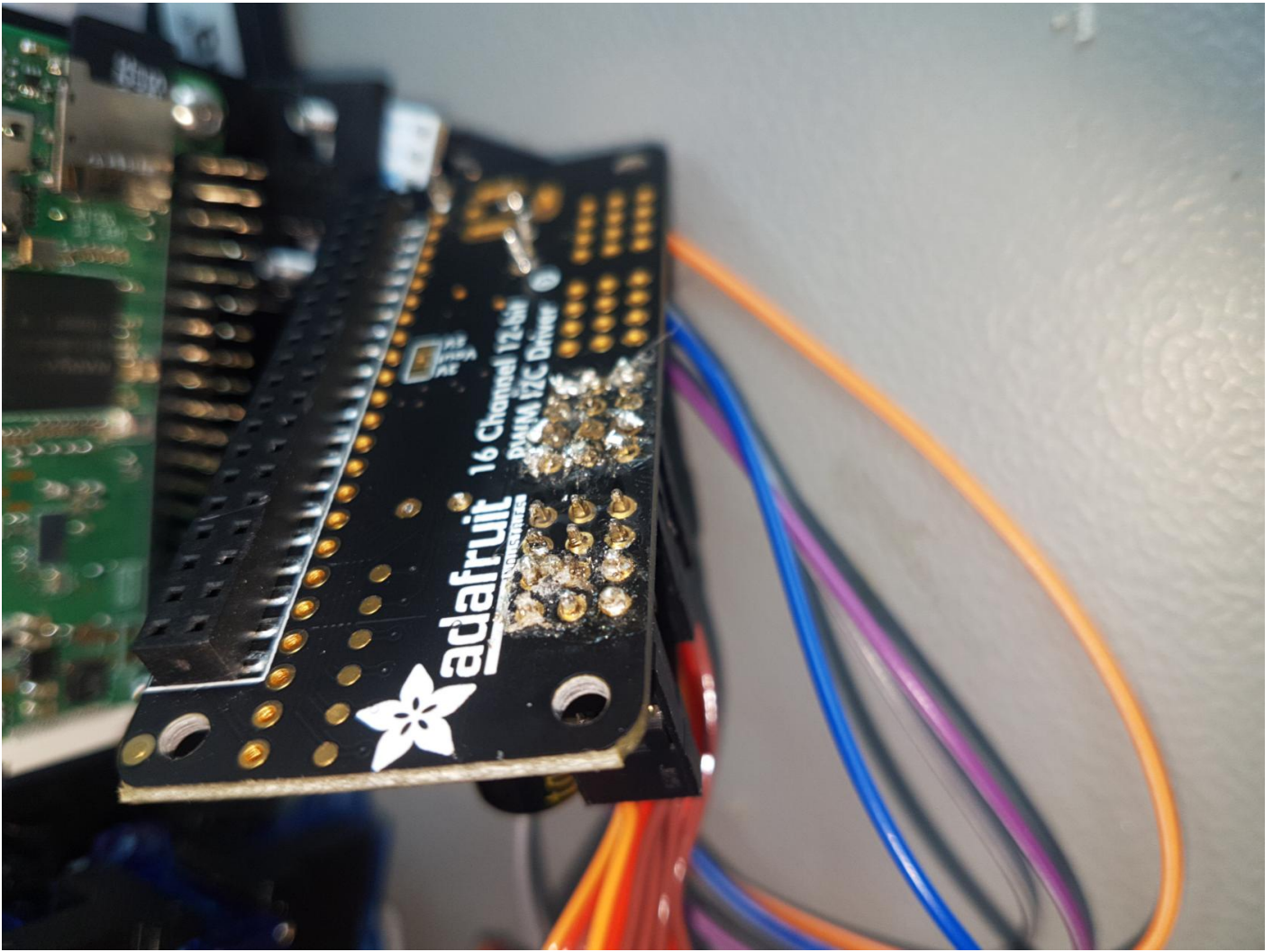


After cleanup



labeling the wires

hotglue leftovers



original situation

cleaning connectors



hotglue / solder - mess

Name	link	Datasheet

Analog read with digital pin:

<https://www.raspberrypi-spy.co.uk/2012/08/reading-analogue-sensors-with-one-gpio-pin/>

Revision #17

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