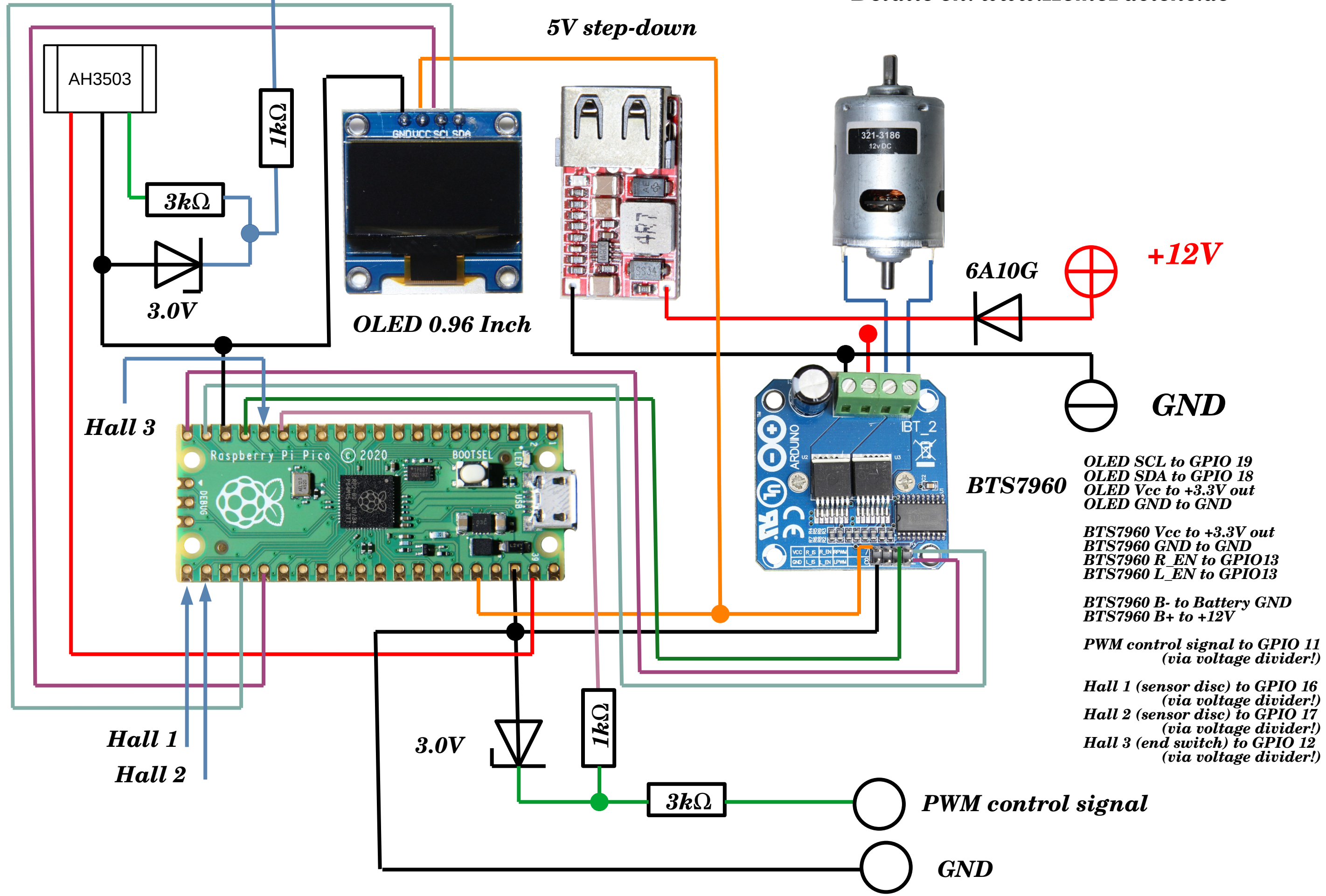


Hall 1 (Sensor disc)  
Hall 2 (Sensor disc)  
Hall 3 (End switch)

Raspberry Pico Servo V0.1  
Details on: [www.HomoFaciens.de](http://www.HomoFaciens.de)



OLED SCL to GPIO 19  
OLED SDA to GPIO 18  
OLED Vcc to +3.3V out  
OLED GND to GND

BTS7960 Vcc to +3.3V out  
BTS7960 GND to GND  
BTS7960 R\_EN to GPIO13  
BTS7960 L\_EN to GPIO13

BTS7960 B- to Battery GND  
BTS7960 B+ to +12V

PWM control signal to GPIO 11  
(via voltage divider!)

Hall 1 (sensor disc) to GPIO 16  
(via voltage divider!)

Hall 2 (sensor disc) to GPIO 17  
(via voltage divider!)

Hall 3 (end switch) to GPIO 12  
(via voltage divider!)