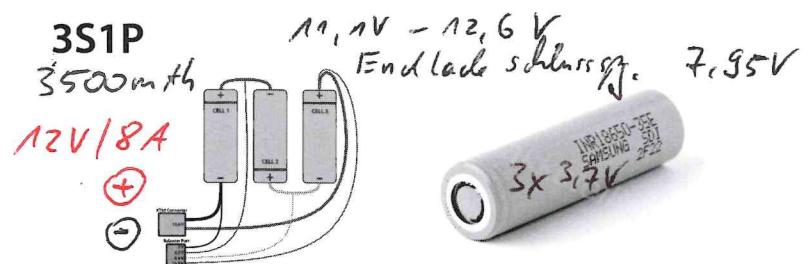
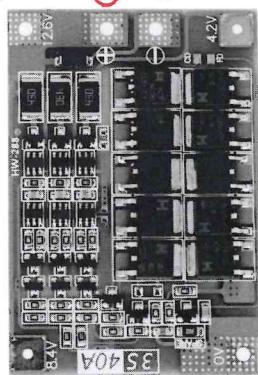


Raspi 5 Pinout



BMS 3S 25A Balance

Batt.
12,6V + - 4,2V

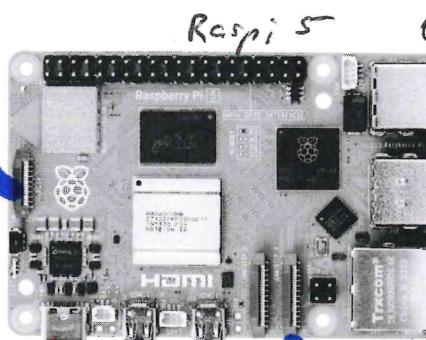


8,4V 0V

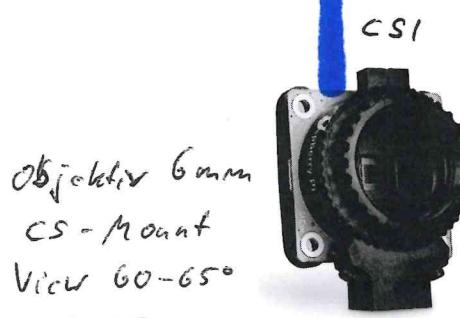


DC/DC 12V → 5V
5A / 25Watt

PCIE

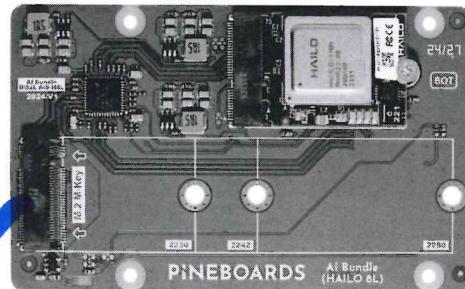


+5V/5A



Global Shutter Camera

Hailo-8L AI Kit



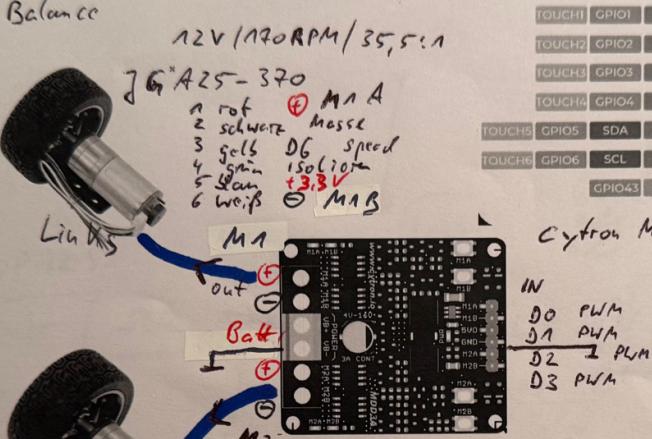
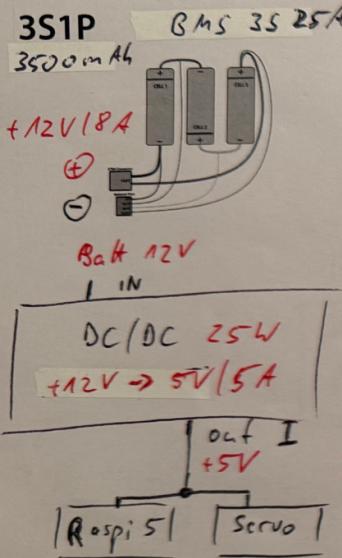
SanDisk 128GB A2



RPLIDAR A1



"Steuergerät": ESP32-S3 (XIAO Pinout)



[AMR]

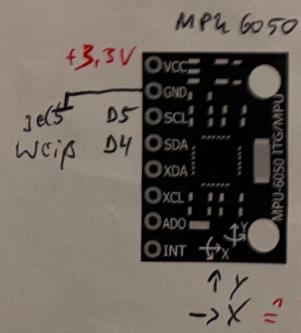
[Rasp Pi 5]

USB C

+5V

ESP 32S3

+3,3V



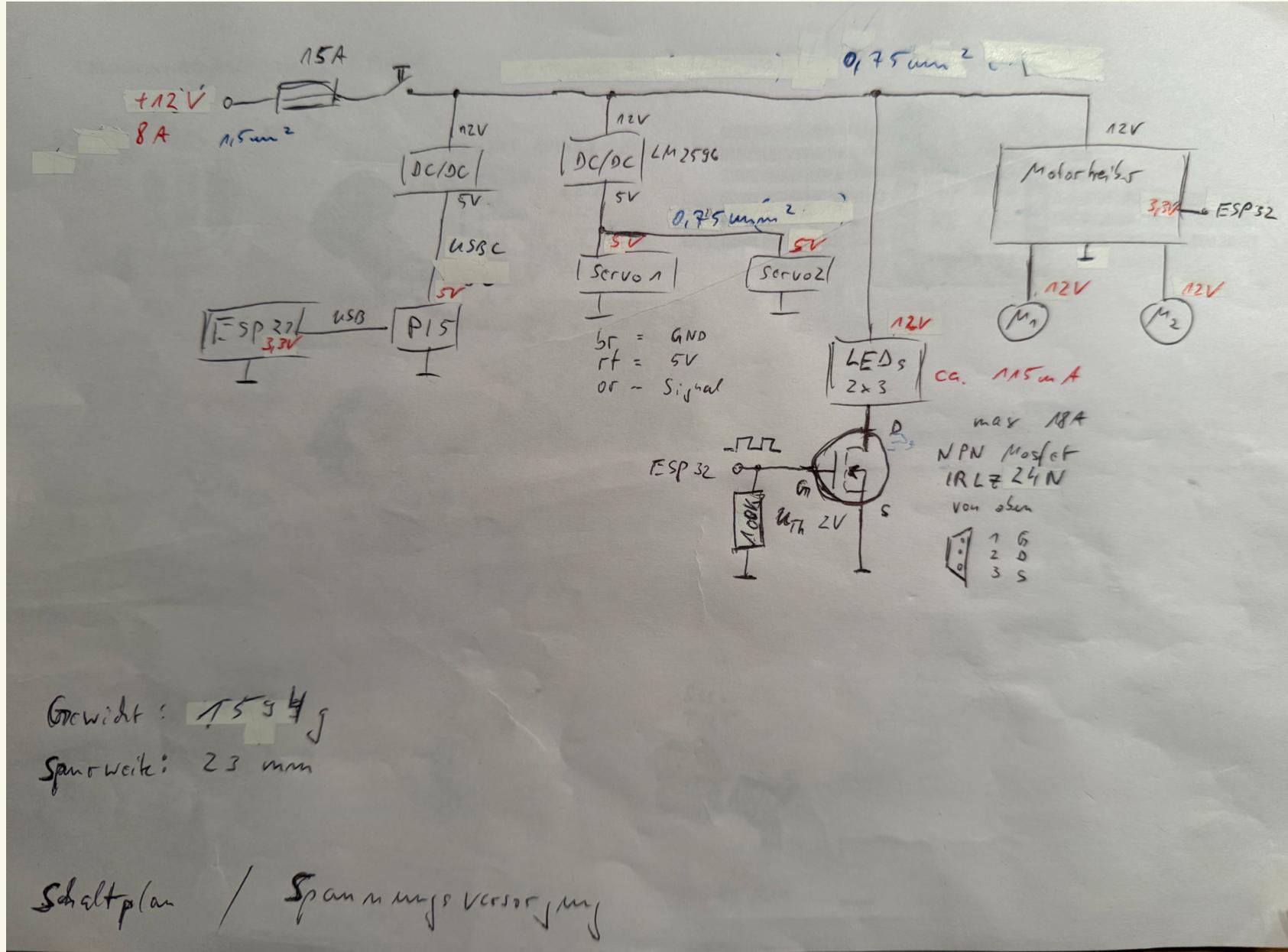
Rechte Handregel
→ X = Fahrtrichtung



+5V
D8 PWM



+5V
D9 PWM



Massen gespaltet (Low-Side)

