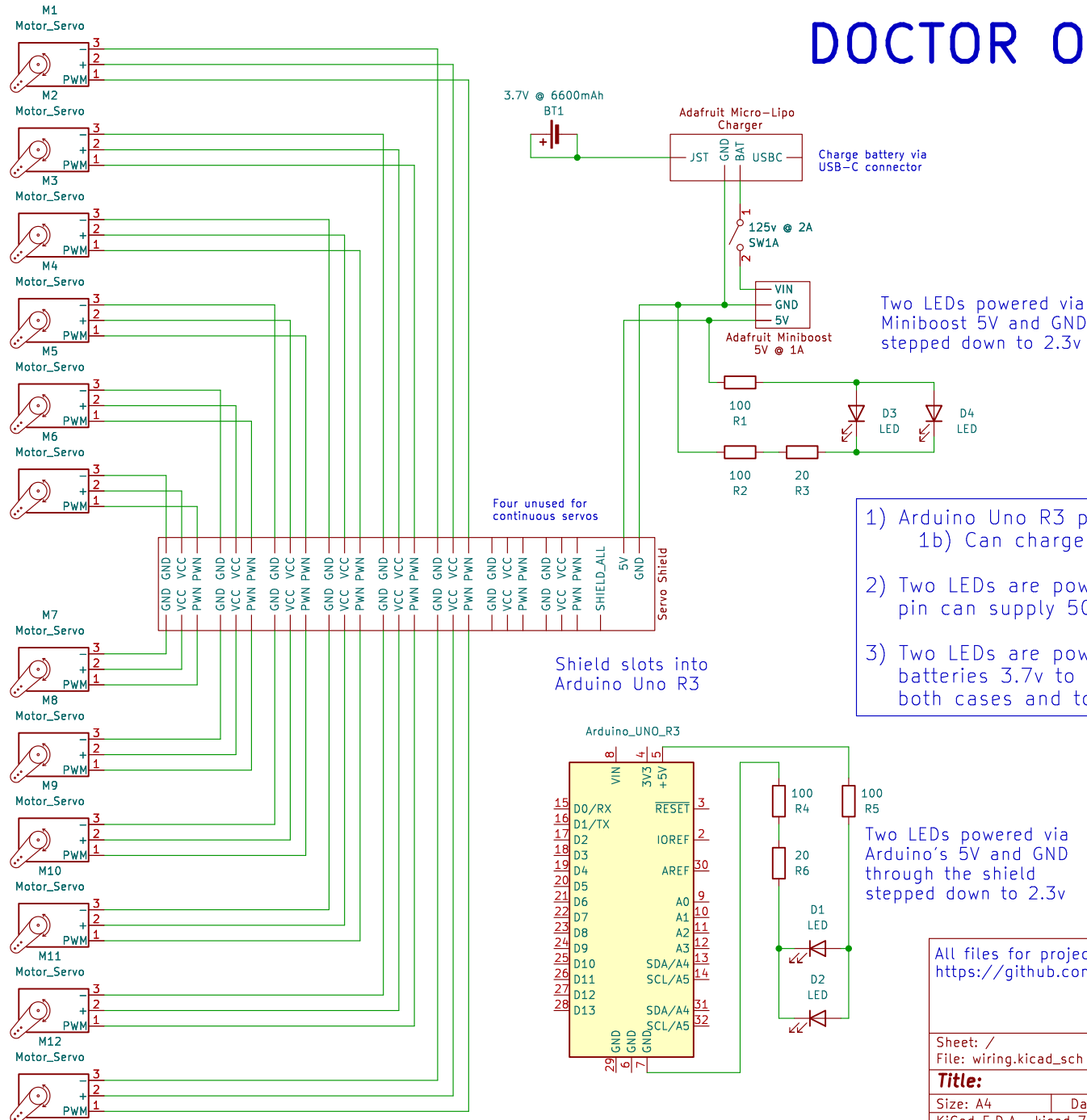


# DOCTOR OCTOPUS COSPLAY WIRING DIAGRAM

Sophie Scopazzi  
2023.10.13



- 1) Arduino Uno R3 powered via USB using a USB battery bank  
1b) Can charge battery for servo shield as well
- 2) Two LEDs are powered from the Arduino (the Arduino's 5V pin can supply 500mAh and the LEDs draw 0.2mAh)
- 3) Two LEDs are powered from the Miniboost's 5V and NOT the batteries 3.7v to make the resistor stepdown the same in both cases and to allow ease of on/off switch

All files for project (code, CAD + STL files, and documentation) on GitHub:  
[https://github.com/sscopazzi/doctor\\_oc\\_hand](https://github.com/sscopazzi/doctor_oc_hand)

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