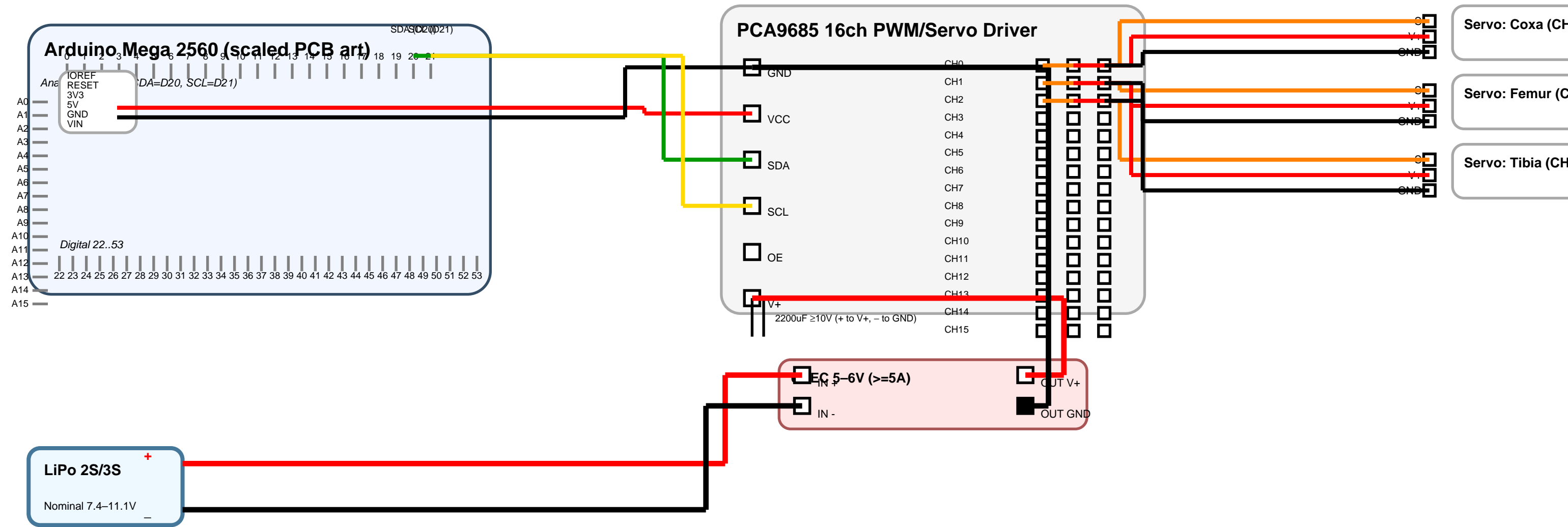


One-Leg Hexapod — PCB-Art Wiring Diagram (A3 Landscape)

With LiPo → UBEC → PCA9685 → Servos power path (standard wiring)



Legend & Wire Gauge

- V+ (servo power): 18–20 AWG main, 20–22 AWG to servos
- GND (common): 18–20 AWG main, 20–22 AWG to servos
- I2C SDA: 26–28 AWG (twisted pair with SCL)
- I2C SCL: 26–28 AWG (twisted pair with SDA)
- Servo Signal: 26–28 AWG

Tip: Add an inline fuse and switch between LiPo and UBEC IN+. Keep UBEC and PCA power wires short.