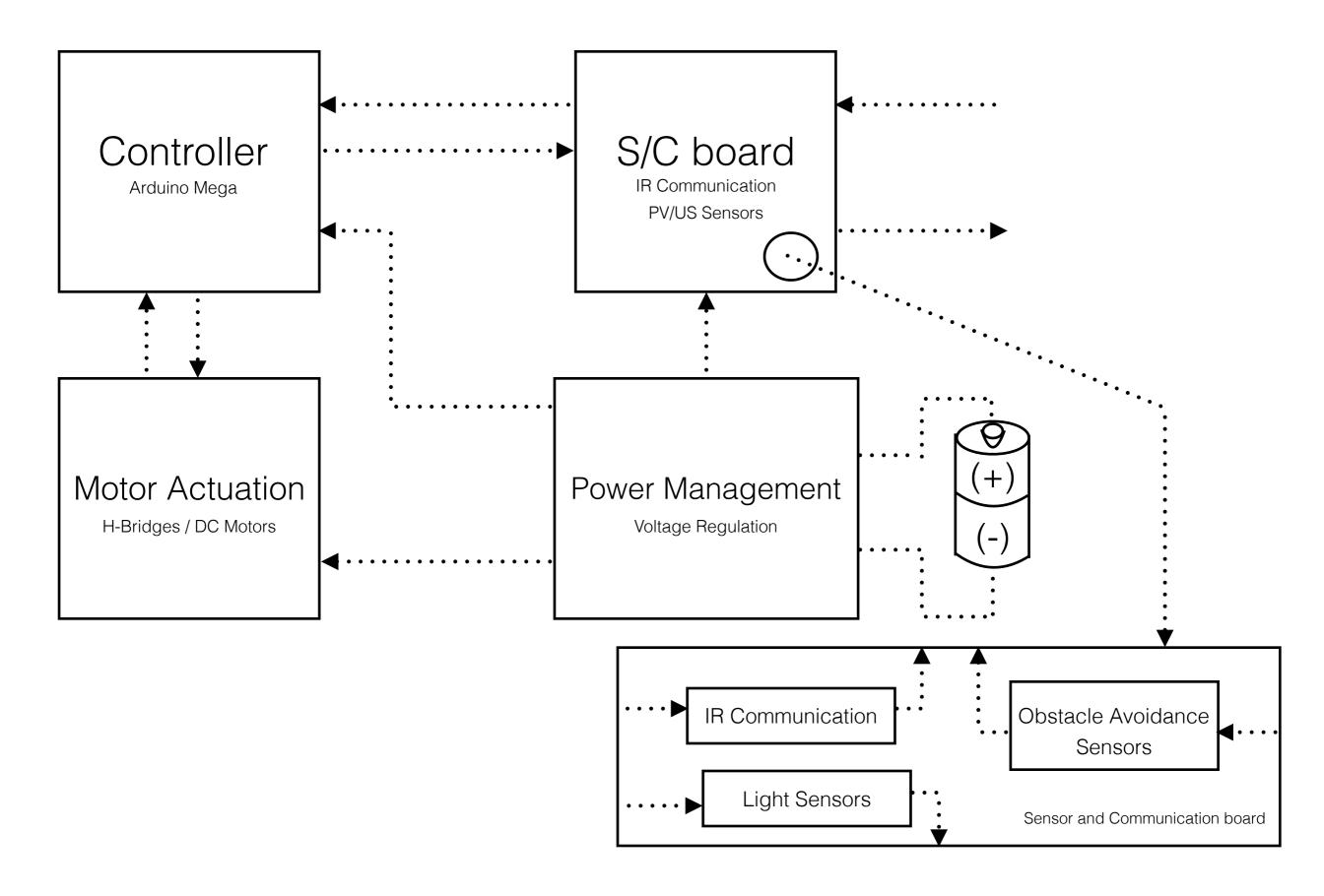
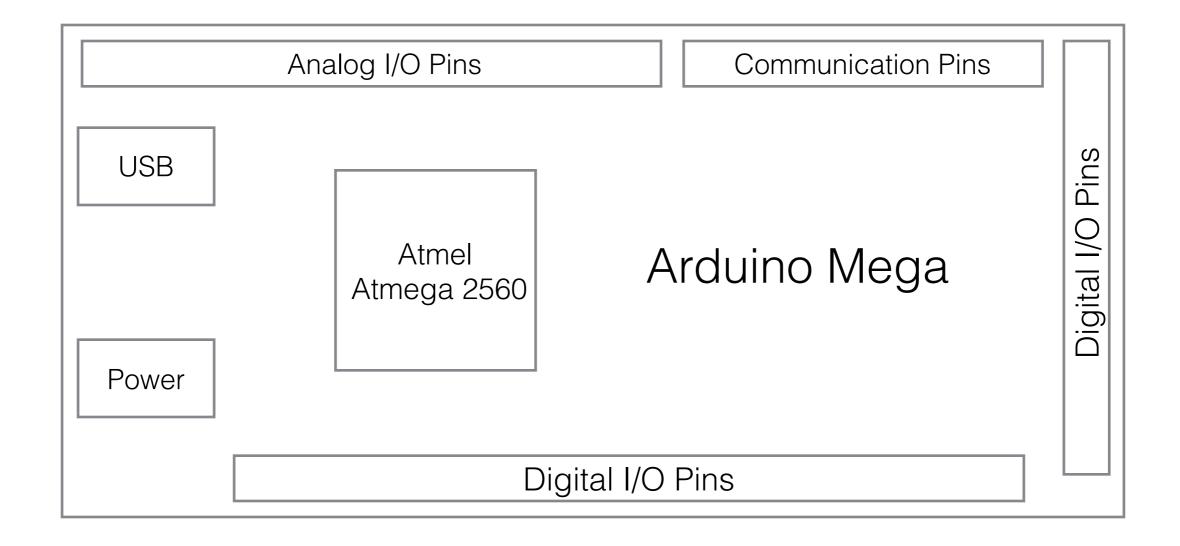
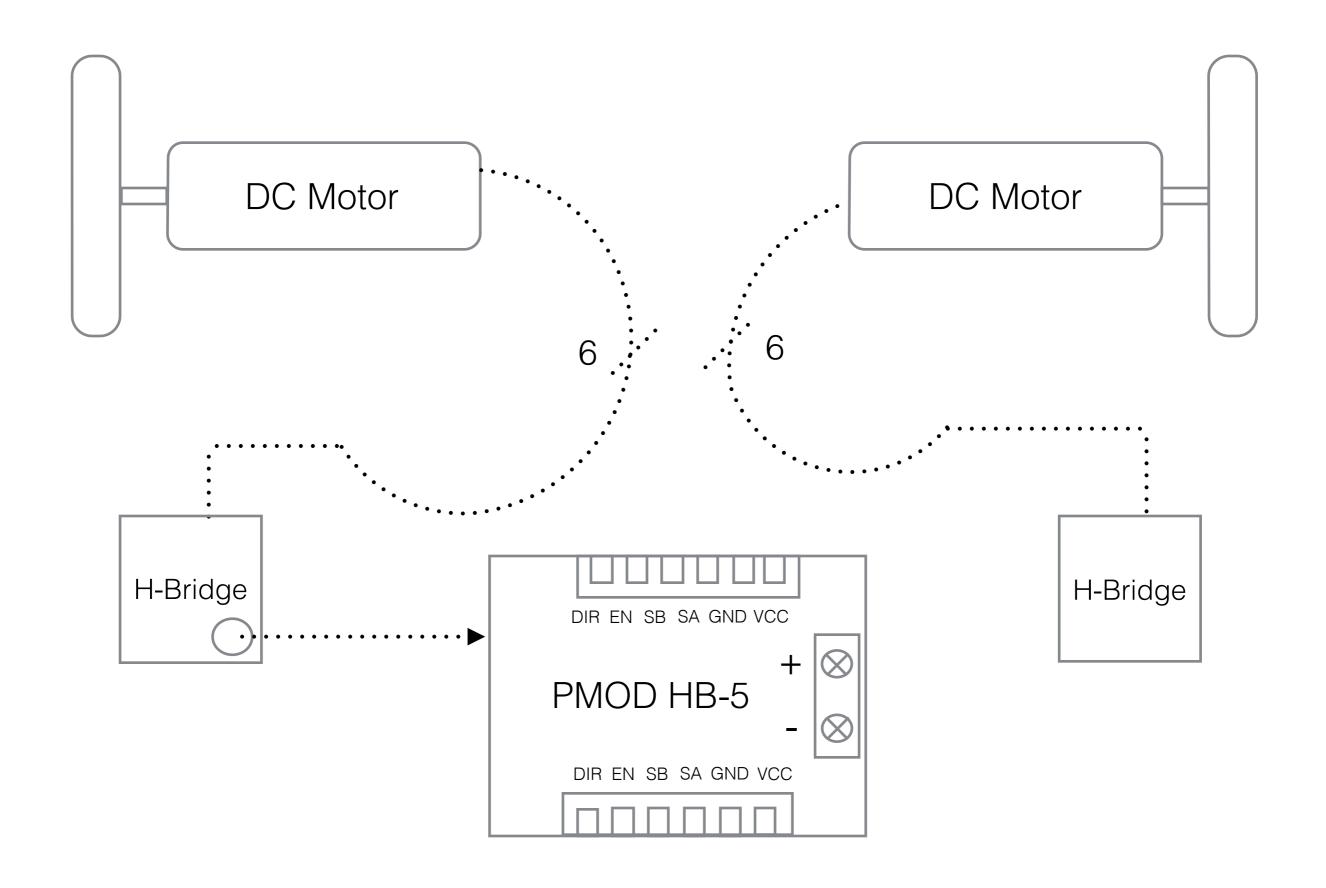
## **Block Diagram**



#### Controller



### **Motor Actuation**



#### **Sensors and Communications** IR Communication LS РΒ РΒ TSOP382 R7393C Ultrasonic PCB Ultrasonic Ultrasonic Push Button OUT Minds-I VCC B00944TGIA LS GND Ultrasonic Sensor GND Light Sensor Sainsmart HC-SR04 **ECHO** SFH-5711 TRIG VCC

# **Power Management**

