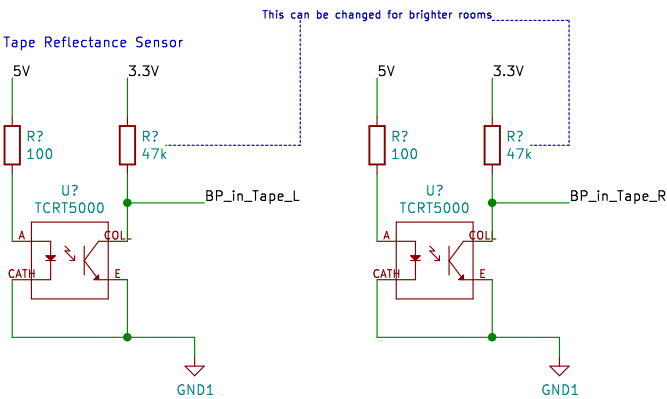
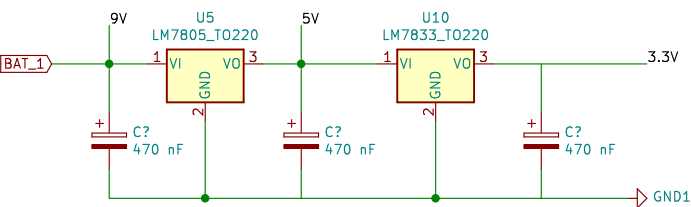
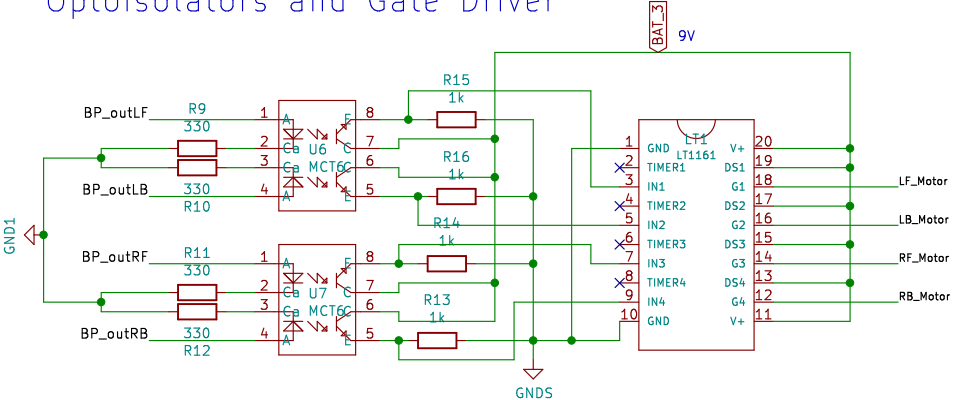


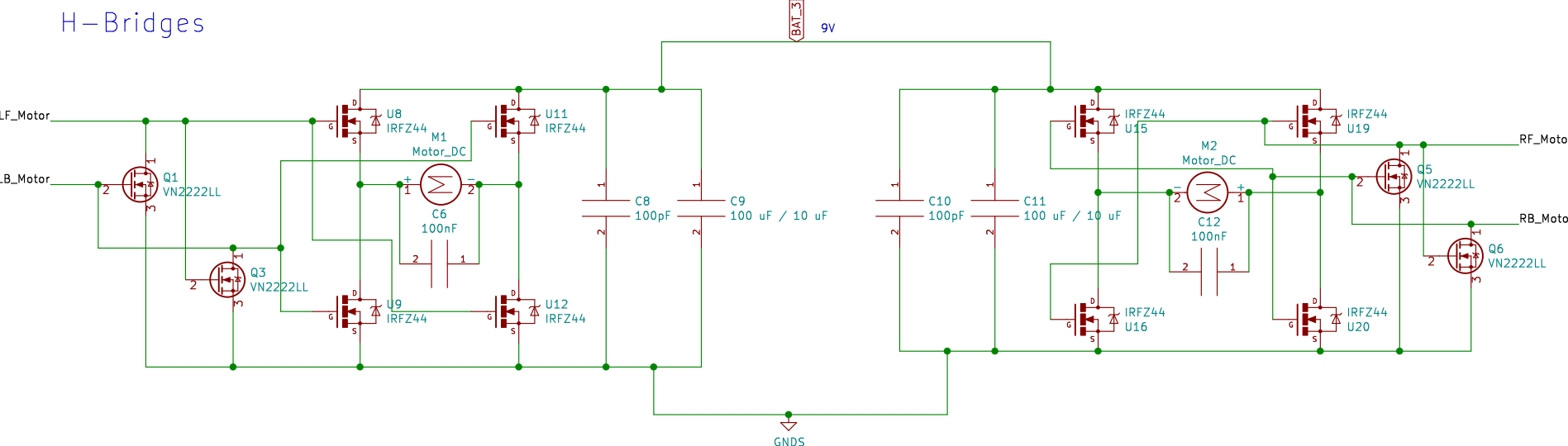
Linear Regulator Power Line



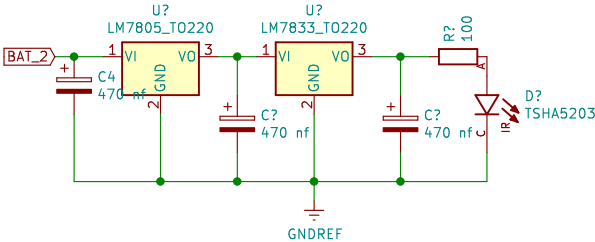
Optoisolators and Gate Driver



H-Bridges

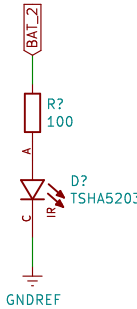


IR Beacon

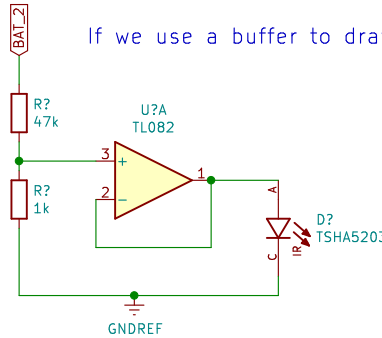


Assuming a voltage drop of about 1.4 V is what we aim for

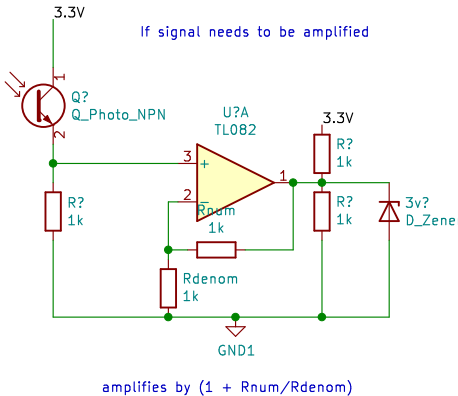
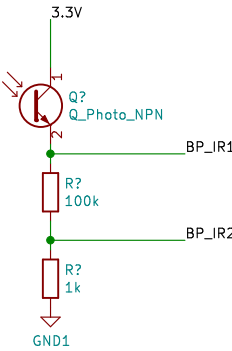
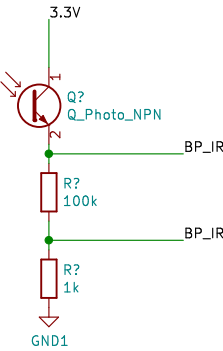
If we run it at 9V



If we use a buffer to draw lower current

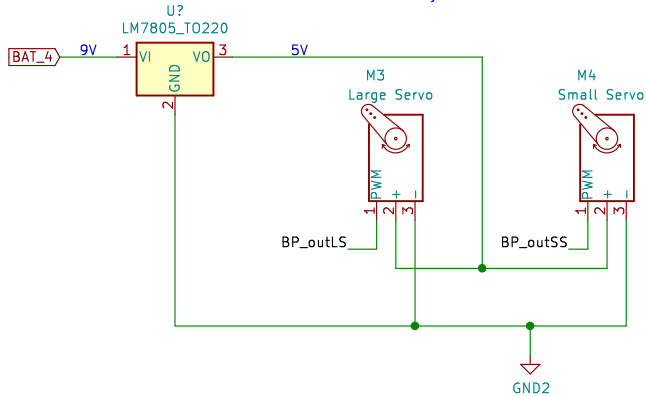


IR Sensors

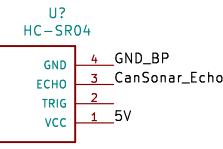


Arm Components

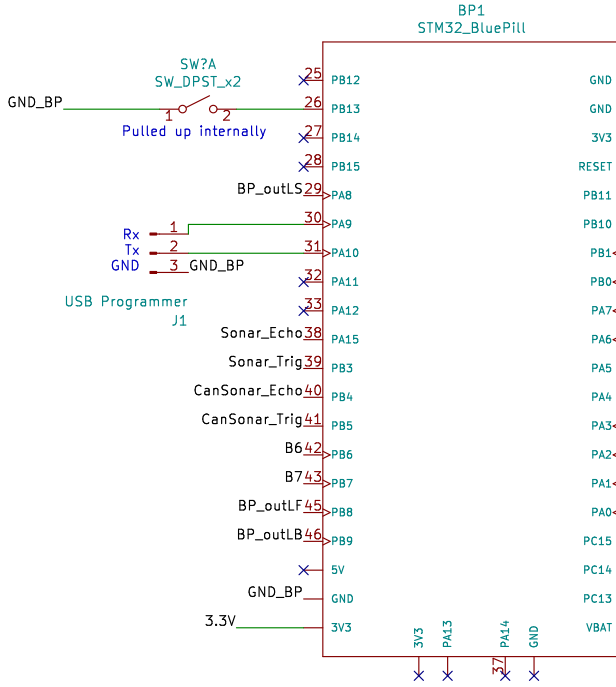
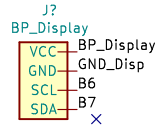
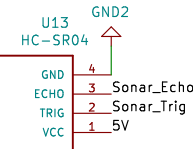
Potentially AA batteries in series can be used



Can Sensor (Sonar)



Sonar Sensor



Batteries

