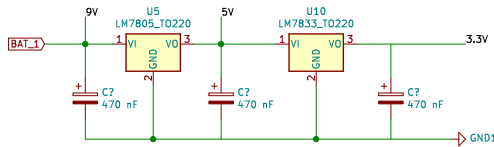
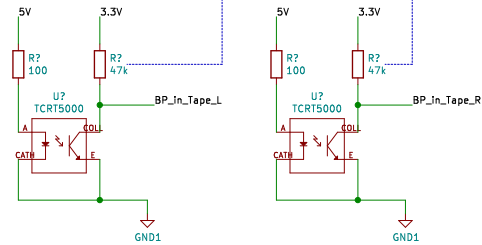


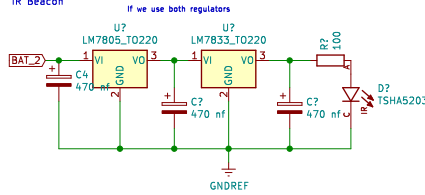
Linear Regulator Power Line



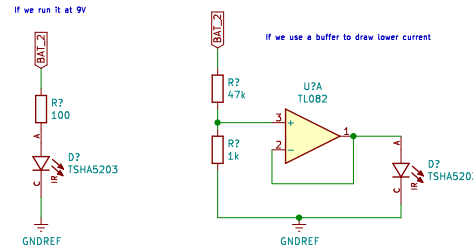
Tape Reflectance Sensor



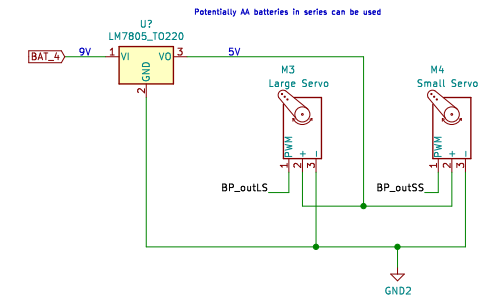
IR Beacon



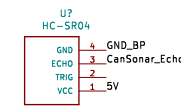
Assuming a voltage drop of about 1.4 V is what we aim for



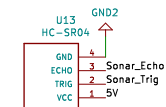
Arm Components



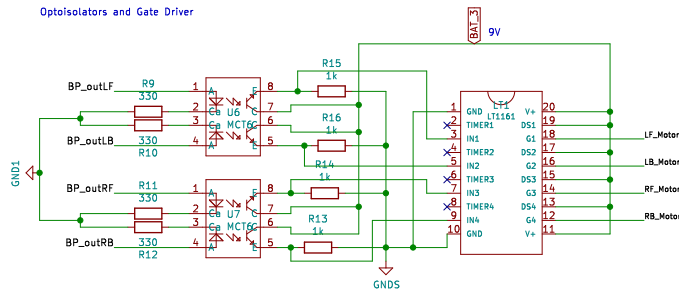
Can Sensor (Sonar)



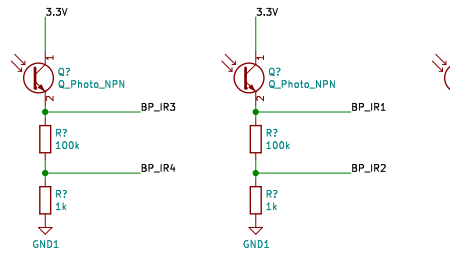
Sonar Sensor



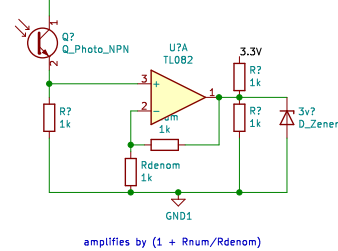
Optoisolators and Gate Driver



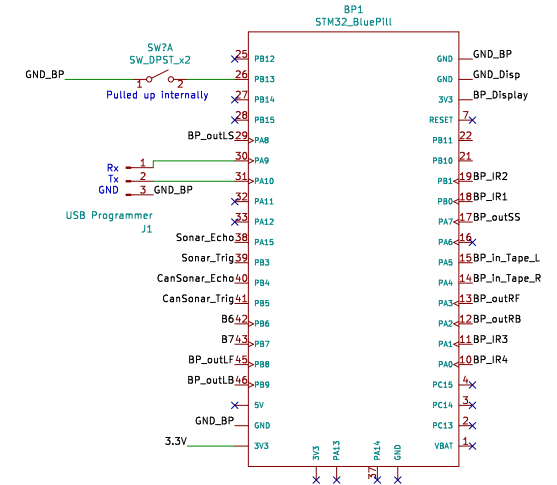
IR Sensors



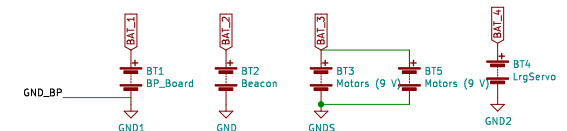
If signal needs to be amplified



amplifies by $(1 + R_{num}/R_{denom})$



Batteries



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