# Weekly Report

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Week 4

10/20/17

## What I did:

* Found a working Hall Effect Sensor and tested it in the lab.
* I purchased 5 Hall Effect sensors (Part number: US5881) and updated the BOM.
* Helped Andrew Capatina write up the project requirements document.
* Zachary Stamler and I started on a schematic. I created a LM3676 part for our library. The LM3676 is a switching voltage regulator. The schematic and part are posted on GitHub.

## Issues:

* EagleCAD libraries are a hassle. Could not easily find the right parts.

## Next Tasks:

* Continue work on schematic.
* Work with Zachary to pick a battery source.
* Do the decision table homework assignment for this week.