Weekly Status Report

Electronic Compass Practicum Project

Team Member: John Maseda

Week of 10/22/2013:

1. Downloaded and installed necessary software for designing our device.
   1. Eagle CAD
   2. GitHub
2. Began reading project specific documentation relevant to generating the schematic.
   1. Used Eagle CAD to get familiarity with building a very basic schematic.

Week of 10/29/2013:

1. Down-loaded the schematic for the ATmega32u4 from GitHub.
   1. Studied the schematic – will need the pinouts relevant to headders and signal names to begin adding to the base footprint and schematic of the ATmega 32u4.
   2. Began formatting and adding Schematic related items to the schematic file.
2. Added some last minute schematic editions to the work Cody performed.
   1. Added connecting traces from MPC to headers.
   2. Angled some Vcc points up and some GND points down.
   3. Shifted some wires to attempt some clarity.
3. Created the board layout file
   1. Began rough placement of componants.

Week of 11/05/2013: