

Fast, Compact, High Strength Magnetic Pulse Generator

EE 492 Weekly Report

May 15-30

Week 10

Advisors: Mani Mina, John Pritchard, Robert Bouda
Client: High Speed Systems Engineering Lab
Members: Team Leader – Adam Kaas
Team Webmaster – Gregory Fontana, Meiyong Himmtann
Team Communication Leader – Brittany Duffy
Team Key Concept Holder – Megan Sharp, Brandon Dixon
Team Commissioner – Alain Ndoutoume
Website: <http://may1530.ece.iastate.edu>

Weekly Summary

This week, Iowa State University had spring break, and many of us were not able to work on their project. We were able to look into “what makes a good coil” and gather data.

Meeting Notes

N/A

Pending Issues

N/A

Plans for Next Week

Adam: Test new board, create presentation, work on final doc

Greg: Testing, presentation

Meiyong: Populate a couple of boards using the reflow soldering method. Help with the final document

Brittany: Work to complete Final Document, prepare for upcoming presentations, test new board

Megan: Documentation for the presentations and a final coil decision with Greg if it isn't done before then

Brandon: Finalize parts list, work on user guide

Alain: Order rest of parts missing, work on presentation, final document, solder more boards using reflow soldering and test our new boards

Individual Contributions This Week

Adam: N/A

Greg: Looked into coil data and what makes a good coil. Trying to decide what coil we should use for our circuit. (1.5hrs)

Meiyong: N/A

Brittany: N/A

Megan: N/A

Brandon: Change necessary parts and finalize part list (1 hr)

Alain: Completed Appendix C failure of first and Appendix D bill of materials in final Document on OneDrive (1hr)

Total Contributions for Project (This Week / Total for Semester)

Adam: 0 hrs / 23.75 hrs

Greg: 1.5 hrs / 19 hrs

Meiyong: 0 hrs / 23.25 hrs

Brittany: 0 hrs / 18.5 hrs

Megan: 0 hrs / 18.75 hrs

Brandon: 1 hr / 35 hrs

Alain: 1 hr / 20.25 hrs