

901205 - ESP/Readinet

Week 41

1. Alana Sherman
 - a. Continued working with Scott to bring up Fido board. All circuits have gone through initial testing
 - b. Measured current sense circuit
 - c. Modifying schematics for rev B

Week 40

1. Alana Sherman
 - a. We are bringing up the board, finding little issues and addressing as we go.

Week 37

1. Alana Sherman
 - a. Added protection for one USB port
 - b. Went over silk screen with scott and james
 - c. Board should be sent out this week (Yay!!)

Week 36

1. Alana Sherman
 - a. Reviewed layout with Scott and James
 - b. Making a few small changes and caught a couple issues

Week 34

1. Alana Sherman
 - a. Double checking all the connections
 - b. Made a few small adds and one pin assignment fix

Week 33

1. Alana Sherman
 - a. There are a few more things on the board. We realized that adding a 5V regulator for the Vacuum pump would make several things easier, so I need to implement that. James is working on making all the pumps, etc.

Week 32

1. Alana Sherman
 - a. Working on reverse polarity protection, and other little mods..getting closer

Week 31

1. Alana Sherman
 - a. Working through feedback from George on Fido board
 - b. Adding some final features (battery back up, low voltage interrupt)

Week 26

1. Alana Sherman
 - a. Added high-side switch for diaphragm pump, linear regulator for flow sensor, and current monitor

Week 25

1. Alana Sherman
 - a. Working on regulator for the diaphragm pump and current/voltage sensing

Week 24

1. Alana Sherman
 - a. Finally added the 3.3V switcher after looking through many options

Week 21

1. Alana Sherman
 - a. Identified two candidate power supplies for 3.3V and 12V after looking at many, both are on order
 - b. Added new GPIO assignments and added interface for laser range finder

Week 20

1. Alana Sherman
 - a. Updated otpto circuit, looking for 3V dc-dc and regulator for the flow sensor

Week 19

1. Alana Sherman
 - a. Working through my list of tasks on the sampler control board

Week 16

1. Alana Sherman

- a. Finished adding the NFC section
- b. Working on the RS232 transceivers and USB to RS232
- c. Added pads for unused MCU pins

Week 15

- 1. Alana Sherman
 - a. Working on adding the NFC reader circuitry to the project

Week 14

- 1. Alana Sherman
 - a. Adding the circuit for the NFC reader

Week 12

- 1. Alana Sherman
 - a. Met with Scott and came up with a list of items for the readi-net board
 - b. Read up on jtag/swd pinout although still had questions

Week 11

- 1. Alana Sherman
 - a. Back on the board, went through state of the design with Scott
 - b. Put project into EDM
 - c. Working on a bunch of small details after meeting

Week 3

- 1. Alana Sherman
 - a. Added highside switch for the pressure switches
 - b. Working on serial transceivers