

Electrical 2024 Meeting notes

11/15/23

Meeting goals

- Cleanup wiring on the robot
- Add Logic Level Shifter Schematic to the main schematic

Meeting Notes

We added the logic level shifter high voltage selector circuit. This circuit consists of 4 pin headers with 3 of the pins in line and a fourth pin in parallel with pin 2. This will allow us to select the output voltage of the circuits using a jumper between pin two and any of the other 3 pins.

What was completed?

- Made logic level shifter High Voltage selector circuit

What is in progress?

What is the goal for the next meeting?

Pictures

11/8/23

Meeting goals

- Cleanup wiring on the robot
- Add Logic Level Shifter Schematic to the main schematic

Meeting Notes

What was completed?

- Add Logic Level Shifter Schematic to the main schematic

What is in progress?

- Cleanup wiring on the robot
- Add Logic Level Shifter Schematic to the main schematic

What is the goal for the next meeting?

- Cleanup wiring on the robot
- Add Logic Level Shifter Schematic to the main schematic

Pictures

11/1/23

Meeting goals

- Cleanup wiring on the robot
- Work to switch breadboard for breakout board
- [Logic Level Shifter Schematic](#)

Meeting Notes

What was completed?

- USB hub power
- Decision-making for relays to cut PWM signal
- Updated PCB design to use 9-pin data connections

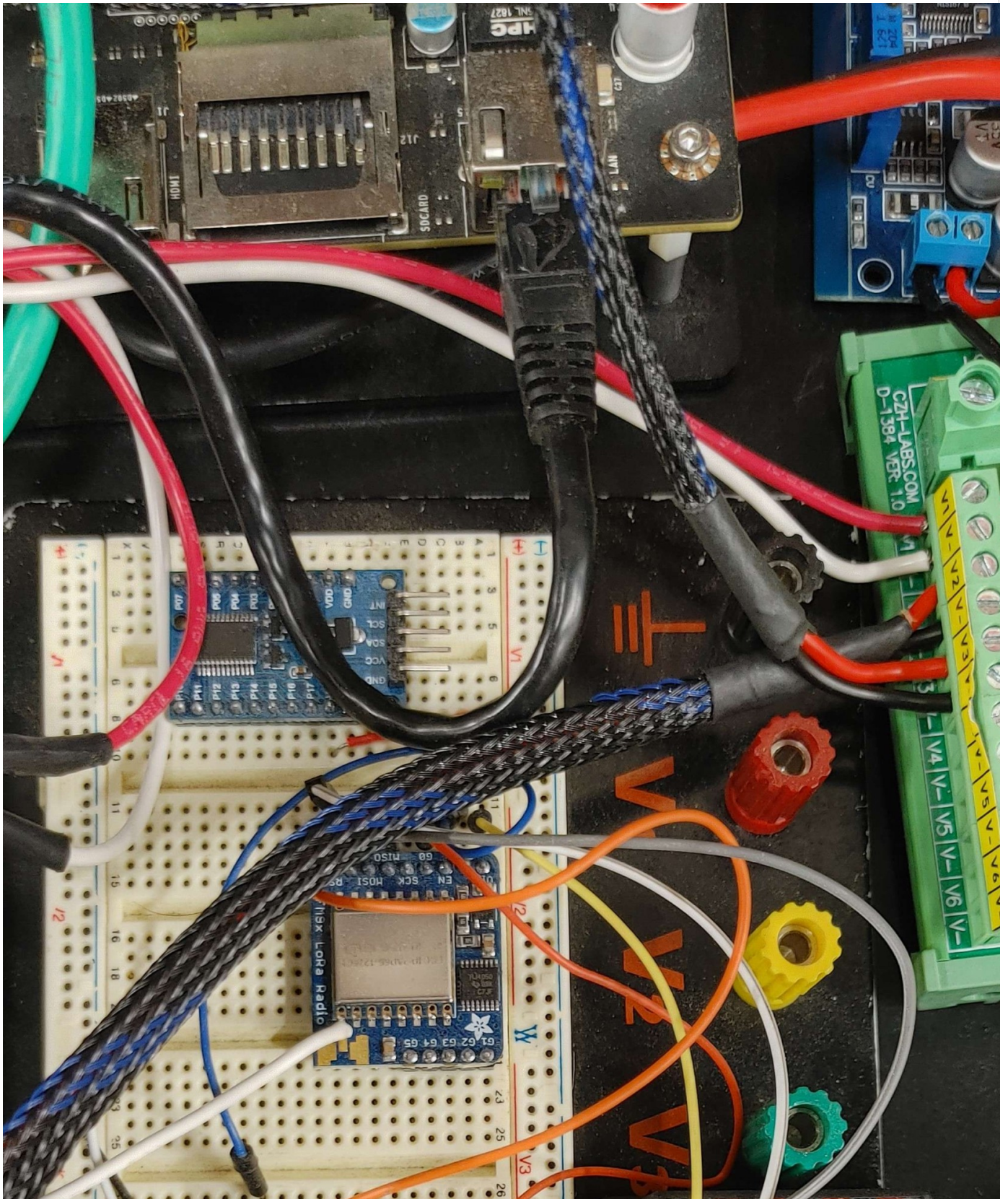
What is in progress?

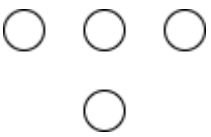
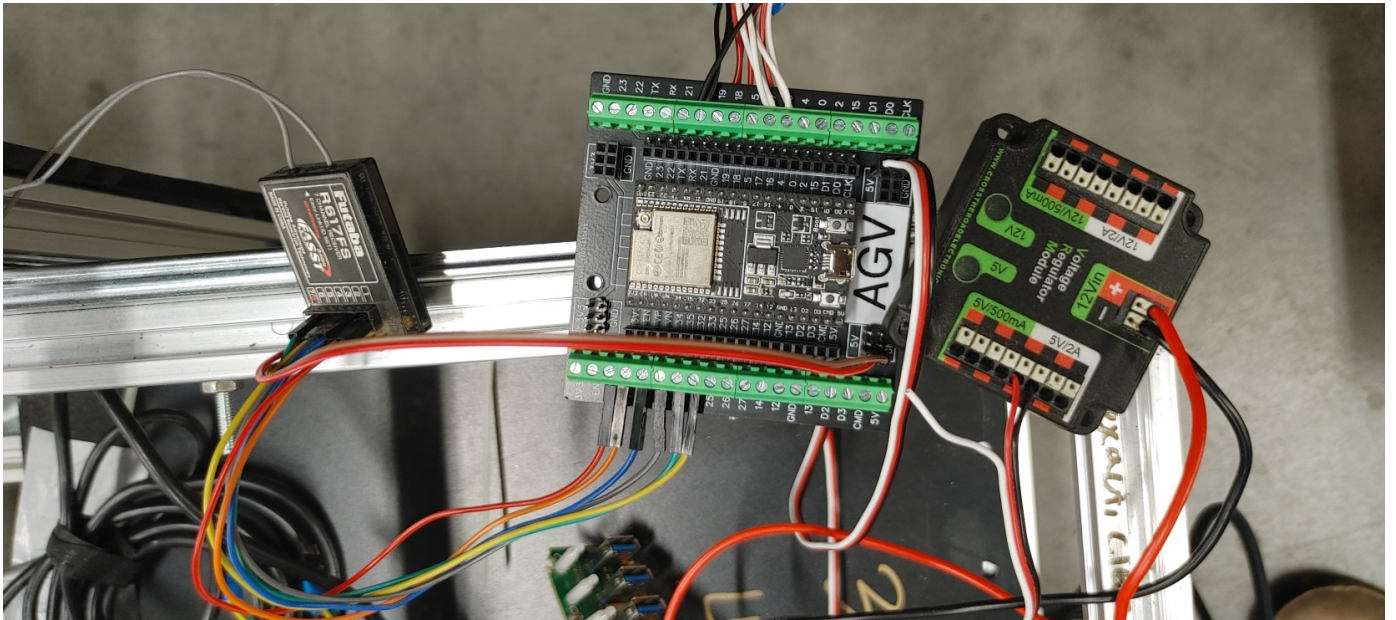
- Cleanup wiring on the robot
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What is the goal for the next meeting?

- Cleanup wiring on the robot
- add Logic Level Shifter Schematic to the main schematic

Images





1/22/24

Meeting goals

- Determine and delegate tasks for the semester
- Introduce all new members to Fusion360 and planka.

Meeting Notes

What was completed?

- Introducing everyone to software

What is in progress?

- Dividing of components into new pages on Fusion360

What is the goal for the next meeting?

- Delegate tasks out to everyone so we can begin work.

Pictures

Revision #9

Created 1 November 2023 23:16:35 by Dwight Howard, II

Updated 24 January 2024 17:44:27 by Dwight Howard, II