

Writing to 7000 causes a write to the motor control chips, which are also wired to the LEDs.

Dr. Meier's rule of thumb: 90% of the time it's nothing but solder connections. Just reheat the joints.

Make sure there is lots of solder in the power switches, the push button switches. Make sure all caps, resistor packs are in the right direction.

### **Next goal:**

To build the robot's body and fully assemble it.

### **Hint:**

- Industrial strength Velcro
- Double sided sticky tape
- **NOT GLUE.** Do not hot glue it!

The line sensing thing goes on the second tier.

### **Getting the OS on the robot:**

Not all features can be enabled right away.

Disable calls to LCD panel.

Serial interface should run perfectly.

Sound will work, but must be changed to the appropriate pin. PA3

OS should be bootable and running on the OS by next Tuesday.