

Lab 2: Etch-a-Sketch

Understanding HDL

For this step, we analyzed and commented the code for the I2C controller

Understanding FSMs

For this challenge, we analyzed and commented the code for the ili9341_display_controller file.

VRAM Logic

After several hours of puzzling, we pulled the code from the solutions for this portion of the lab.

Make it Your Own!

For this section, we attempted to implement a color inverter on the display if a button was pressed, but decided to de-scope and simplify our goals and simply changed the color of the pixel that was moving.