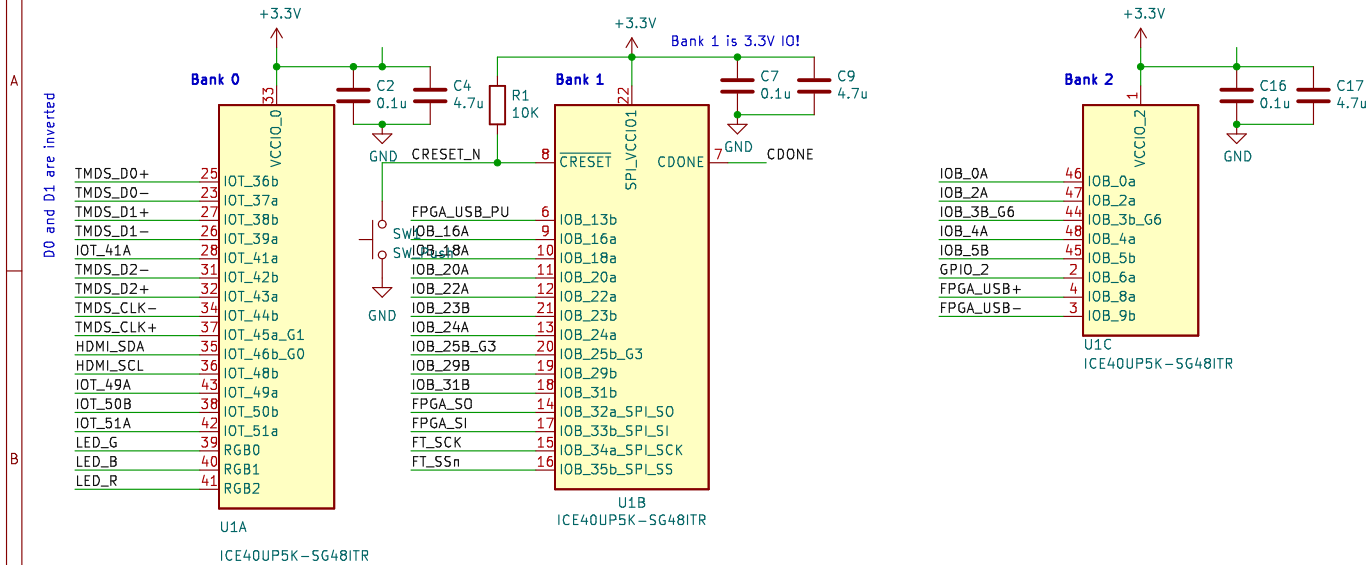
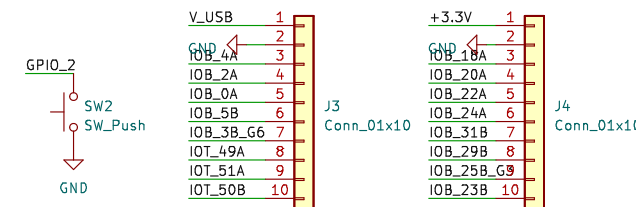


FPGA Banks

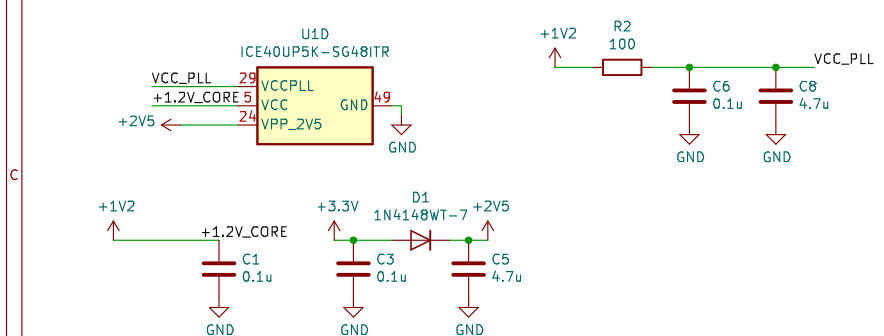


Board Connections

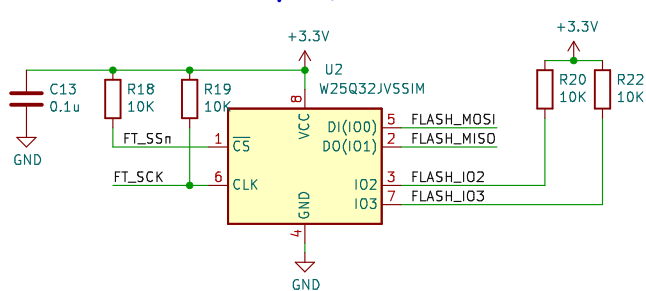
these pins can be assigned as needed to make the board design easier.



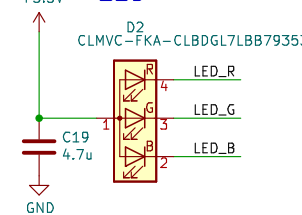
FPGA Power



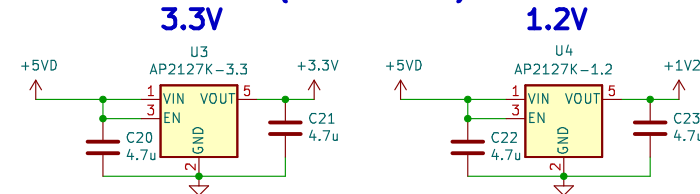
qSPI/DTR Flash



LED

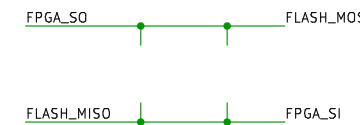


Regulators (300mA max)



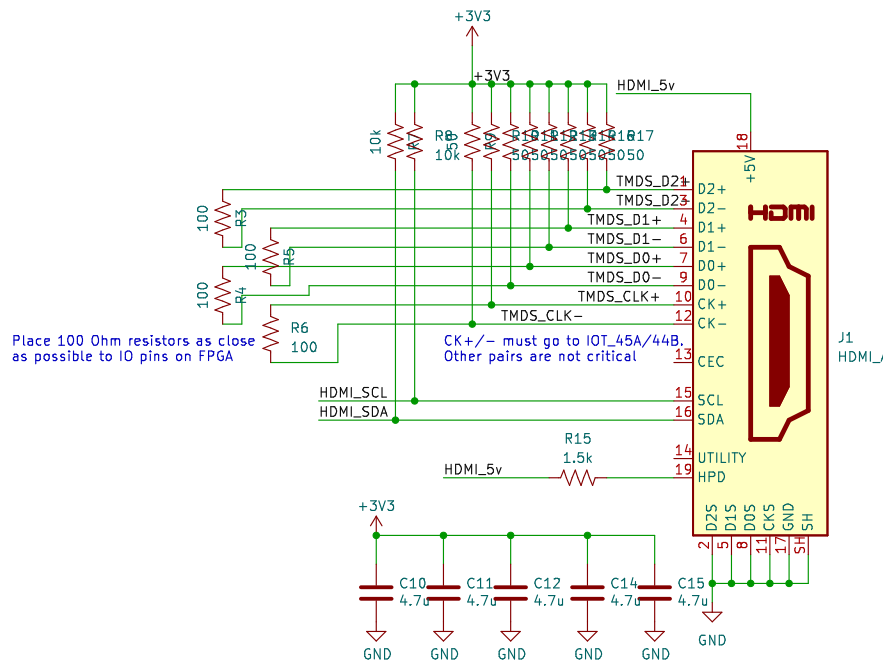
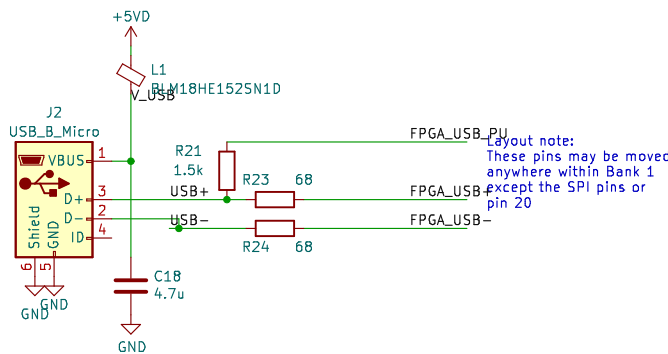
FPGA CRAM/Flash programming

Layout Note:
Layout with overlapping resistors so that only horizontal/vertical resistors need to be installed.



tinyFPGA Bootloader

This mode requires the flash to be programmed with the tinyFPGA bootloader.



Lower Layer Labs

Sheet:

File: wrangler_v0.kicad_sch

Title: Video Wrangler

Size: A3

Date: 2023-02-15

Rev: 0.0 v0.0

KiCad E.D.A. kicad 7.0.0-da2b9df05c-163-ubuntu20.04.1

Id: 1/1