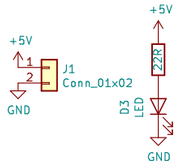
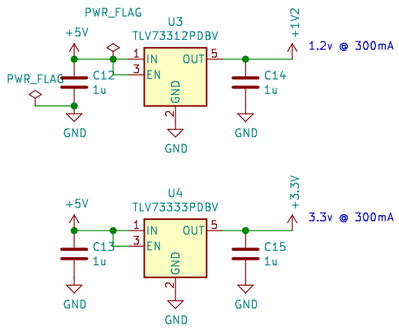
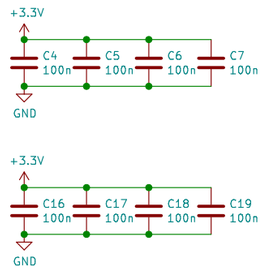
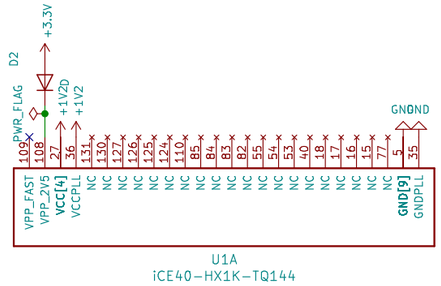
Power Supply

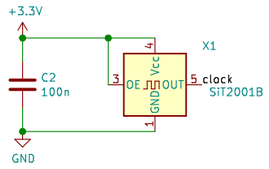




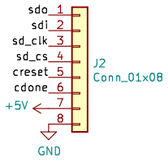




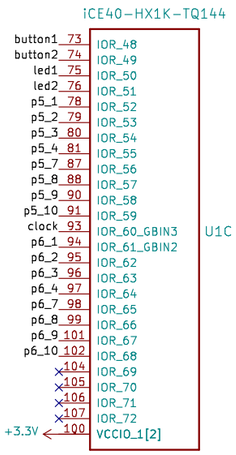
Clock

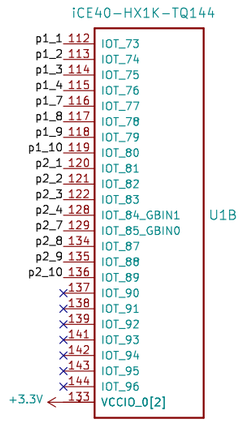


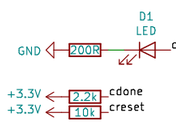
Programming

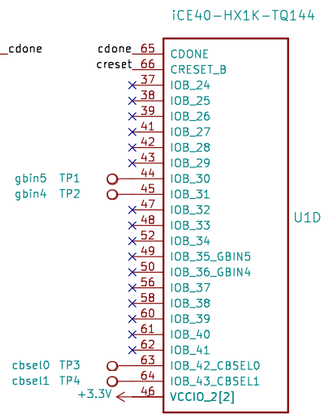


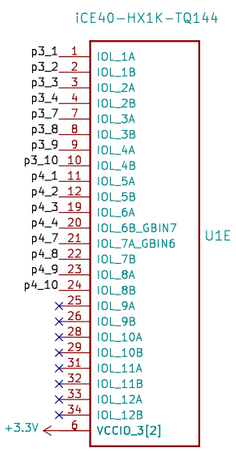
FPGA



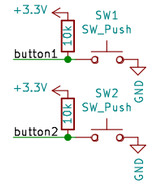


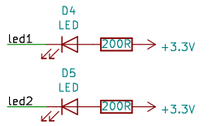


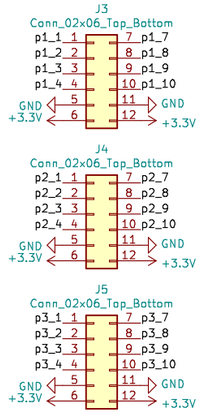


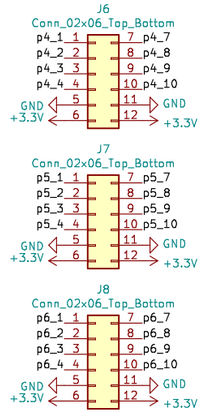


Peripherals



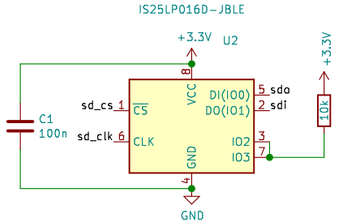


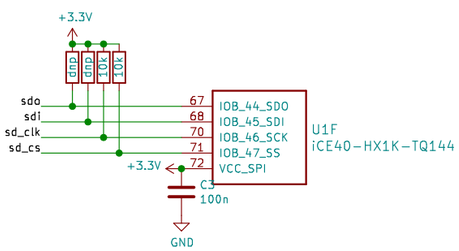




FLASH

16Mb FLASH supports 0Bh fast read





icestick pull ups on sck and ss
icebreaker pullups on all
olimex pullups on ss. sdi & sdo joined with 22r

things to check:
clock and reset gbin, will pll be ok?
flash – pullups needed?
check fpga pinout against lattice docs

Sheet: /		
File: first-fpga-pcb.sch		
Title: Matt-FPGA		
Size: A3	Date: 2019-12-30	**Rev: 0.1**
KiCad E.D.A. kicad 5.1.5-52549c584ubuntu18.04.1		Id: 1/1