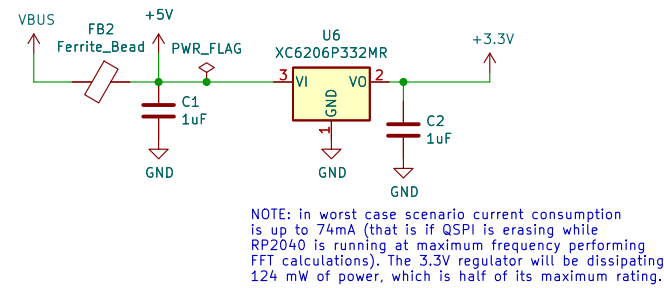
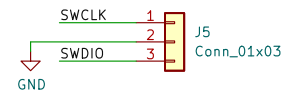


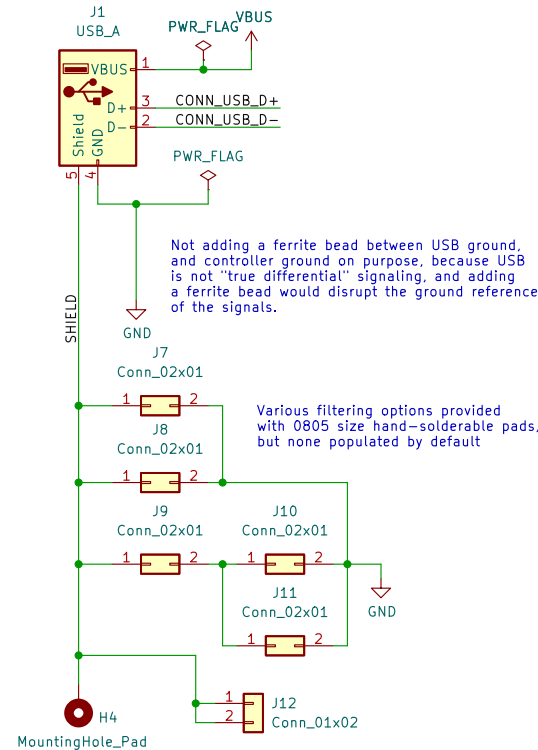
## POWER SUPPLY



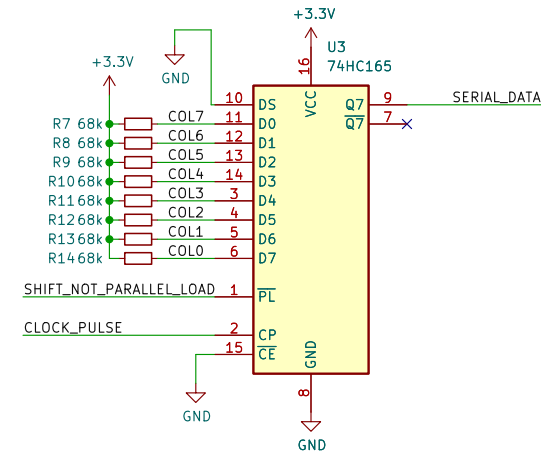
## SWD DEBUGGING CONNECTOR



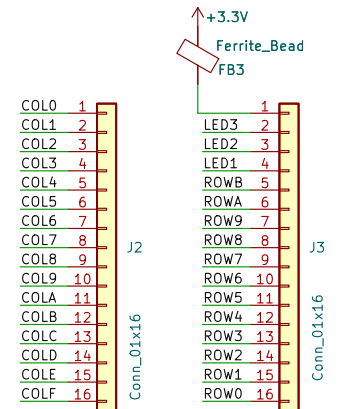
## USB PORT AREA



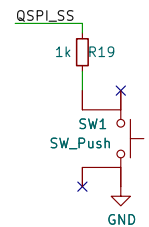
## INPUT EXPANDER SHIFT REGISTER



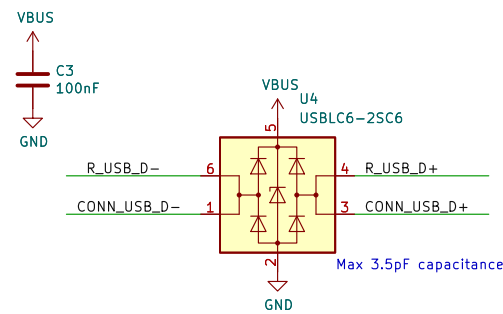
## FLAT FLEX CONNECTORS



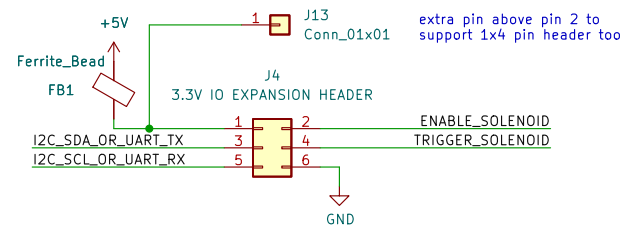
## BOOTSEL SWITCH



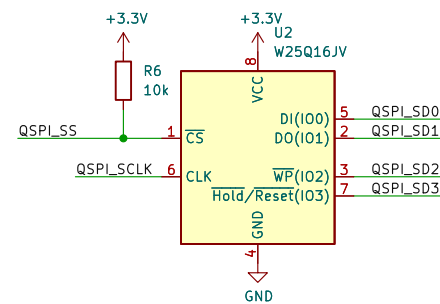
## USB ESD PROTECTION



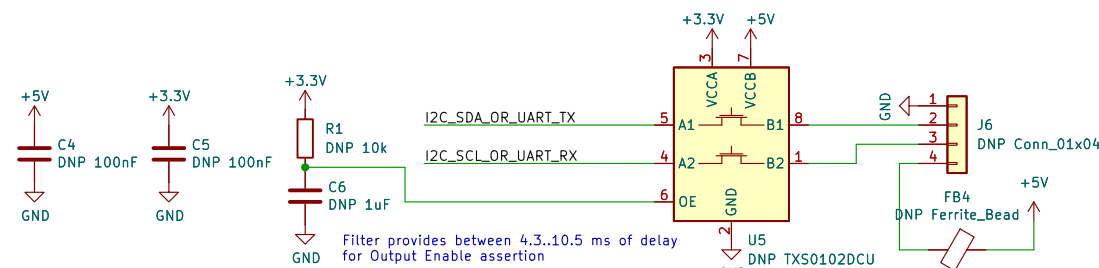
## EXPANSION HEADER WITH 3.3V IO



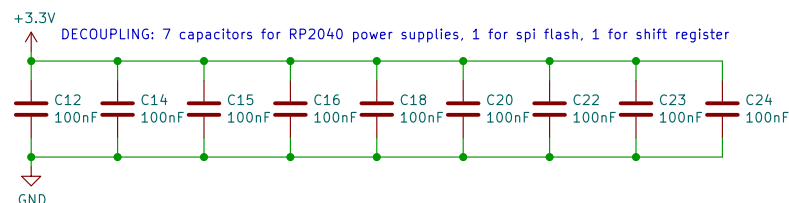
## QSPI FLASH – For MCU boot



## EXPANSION HEADER WITH 5V IO



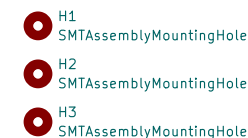
## DECOUPLING



## Mounting Holes



## Tooling Holes for JLCPCB SMD assembly



## RP2040 BASED CONTROLLER FOR MINI M

Sheet: /		
File: controller.kicad_sch		
<b>Title:</b>		
Size: A3	Date:	Rev:
KiCad E.D.A. kicad 6.0.10+dfsg-2+b1		Id: 1/1