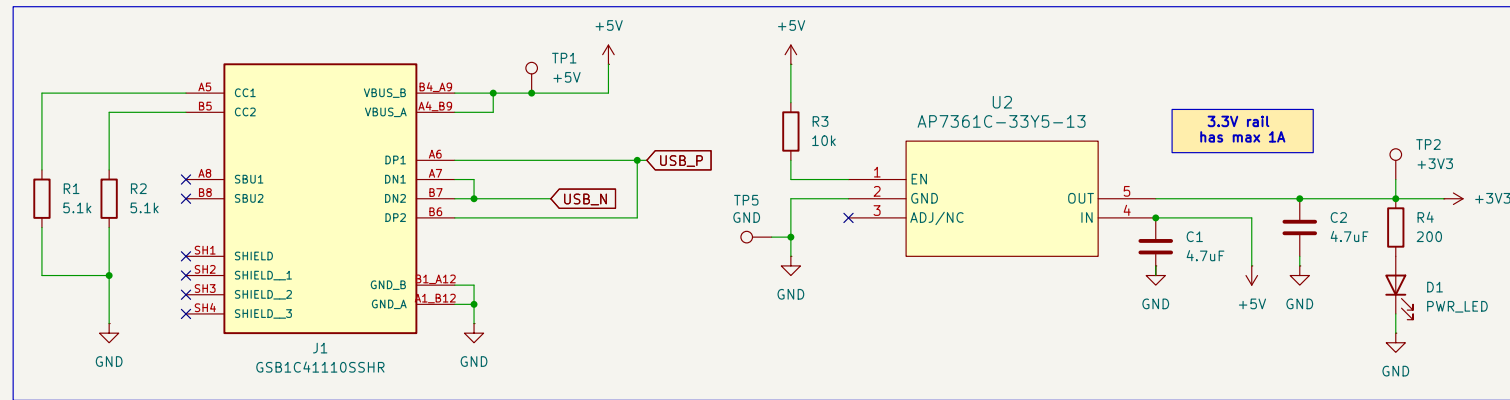
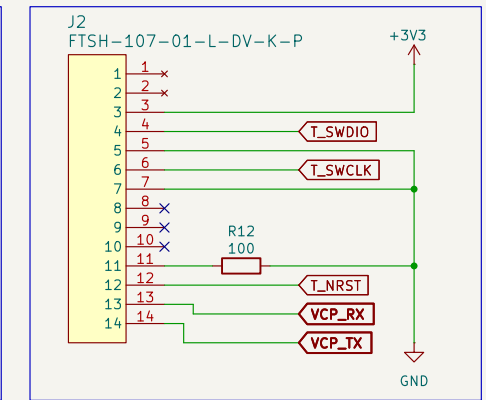


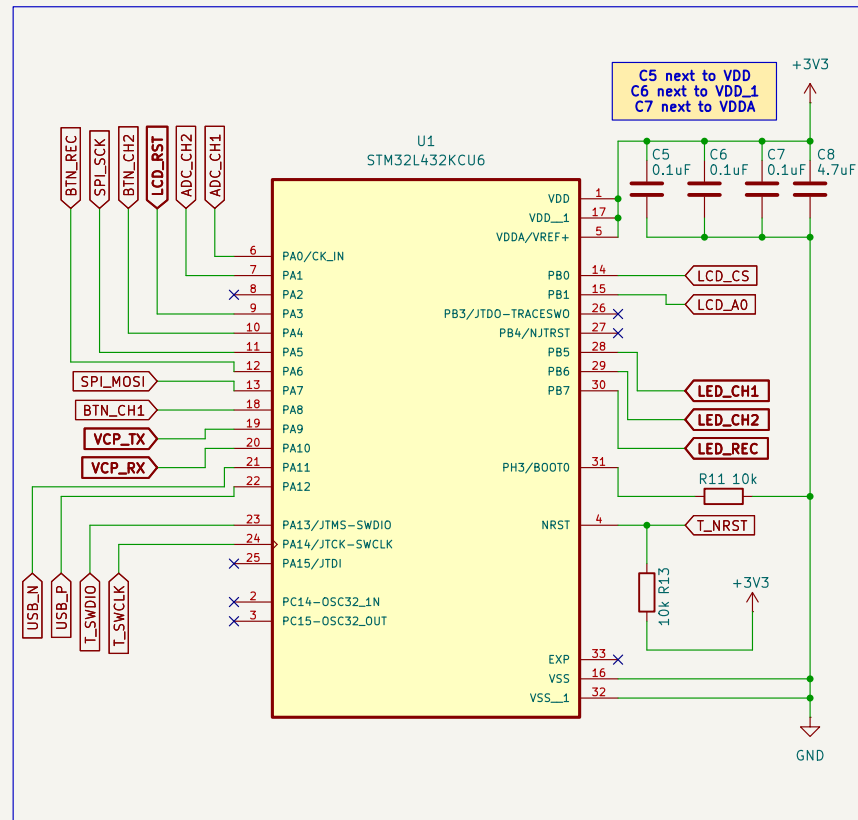
USB & POWER DELIVERY



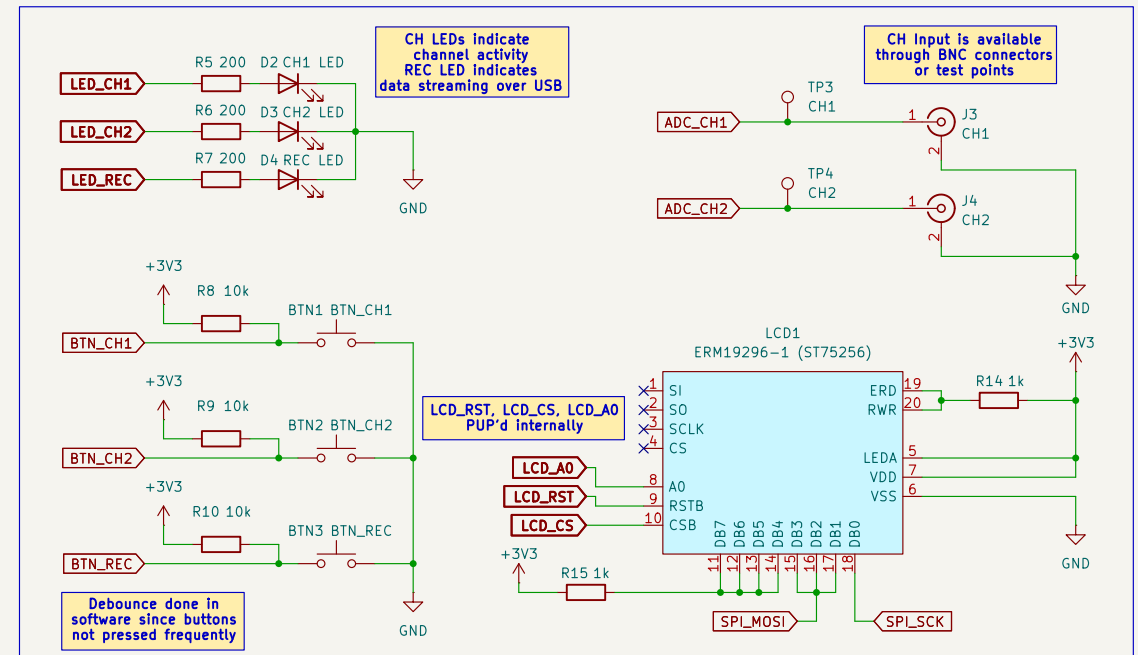
STM32 SWD



STM32 MICROCONTROLLER



USER INTERFACE CONTROLS



POTENTIAL ISSUES WITH DESIGN:

- Insufficient decoupling on VDDA
- No decoupling on LEDA, LCDVDD
- No filtering on ADC CH1,2
- Not enough current for LEDs
- No hardware button debounce
- Internal OSC not good enough

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Sheet: /
 File: smallscope.kicad_sch

Title: SillyScope – An Oscilloscope Nobody Would Use

Size: A4 Date: 2025-12-26
 KiCad E.D.A. 9.0.6



Rev: 0.1A
 Id: 1/1