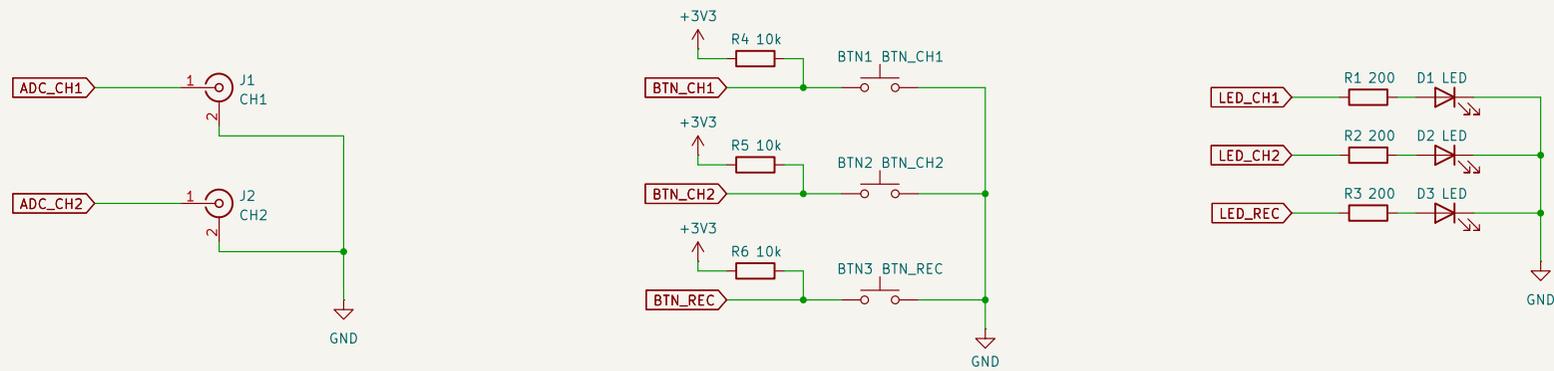
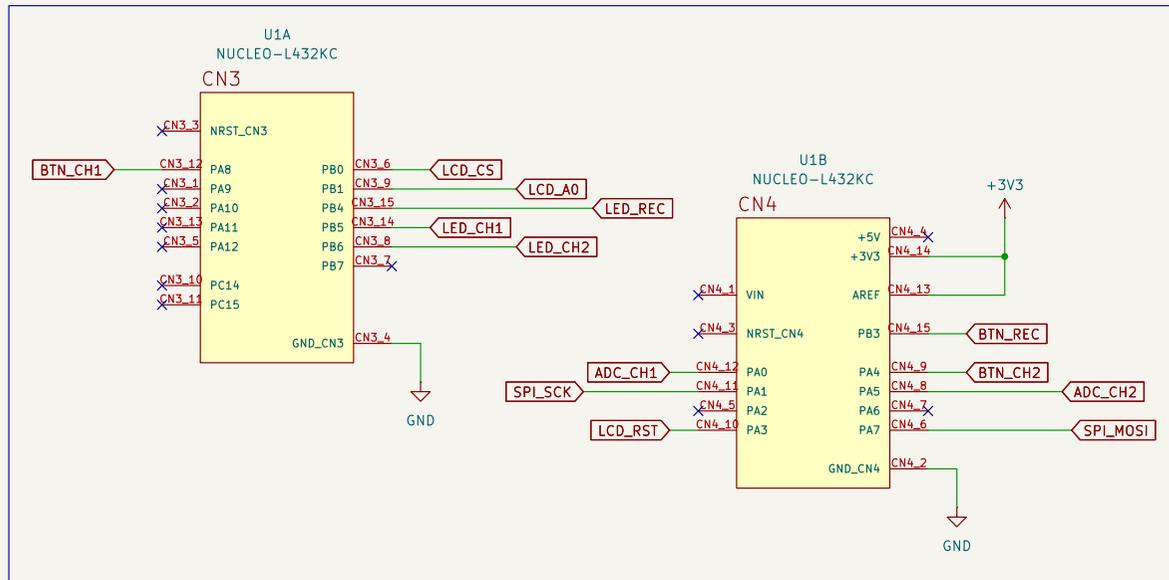


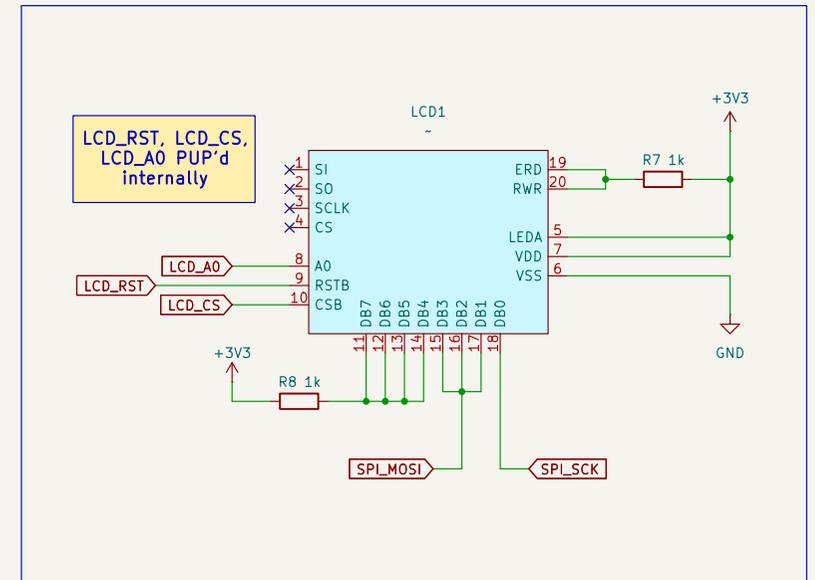
USER INTERFACE CONTROLS



STM32 NUCLEO DEV BOARD



LCD MODULE



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

NOTE

Some pin assignments are different from the full-fledged design. This is because my personal Nucleo dev board had some issues. Rev 1.2A

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Sheet: /
 File: sillyscope-proto.kicad_sch

Title: SillyScope - PROTOTYPE

Size: A4 | Date: 2026-01-15
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Rev: 0.2A
 Id: 1/1