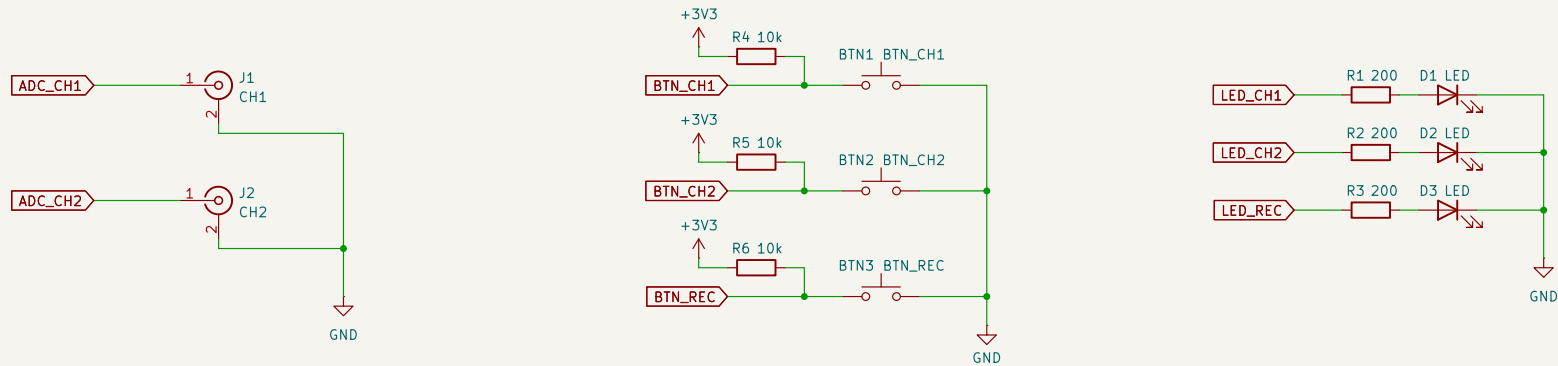
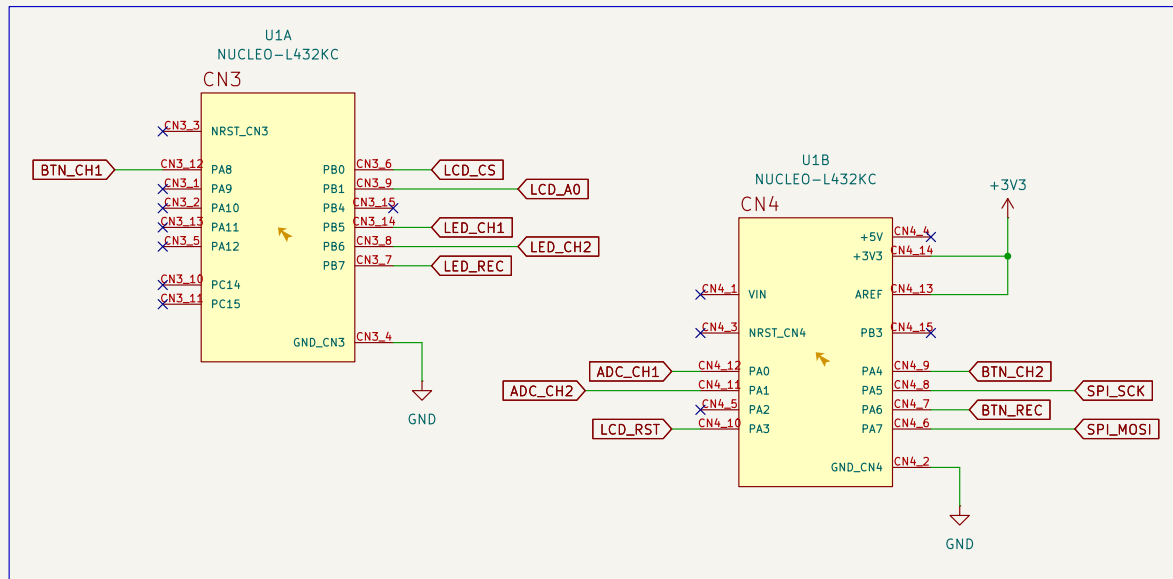


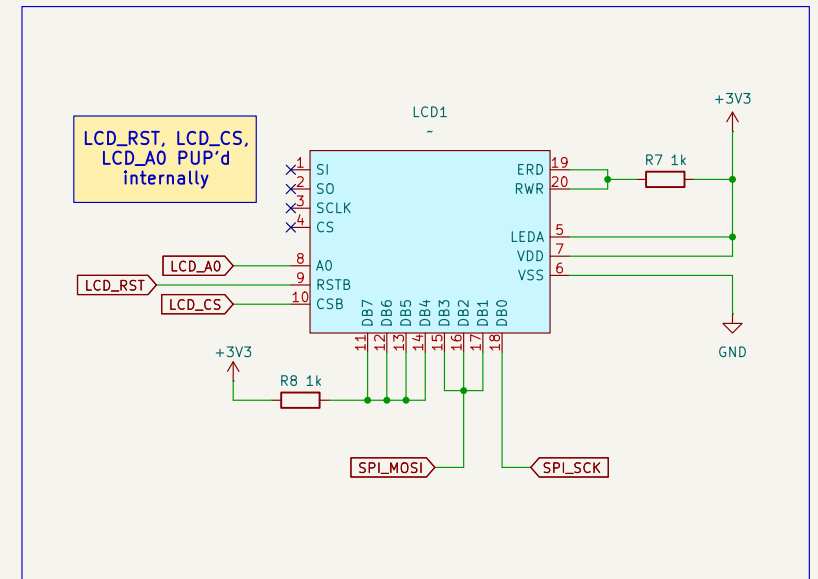
USER INTERFACE CONTROLS



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

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Sheet: /
 File: sillyscope-proto.kicad_sch

Title: SillyScope – PROTOTYPE

Size: A4 Date: 2026-01-15

KiCad E.D.A. 9.0.7

Rev: 0.1A

Id: 1/1