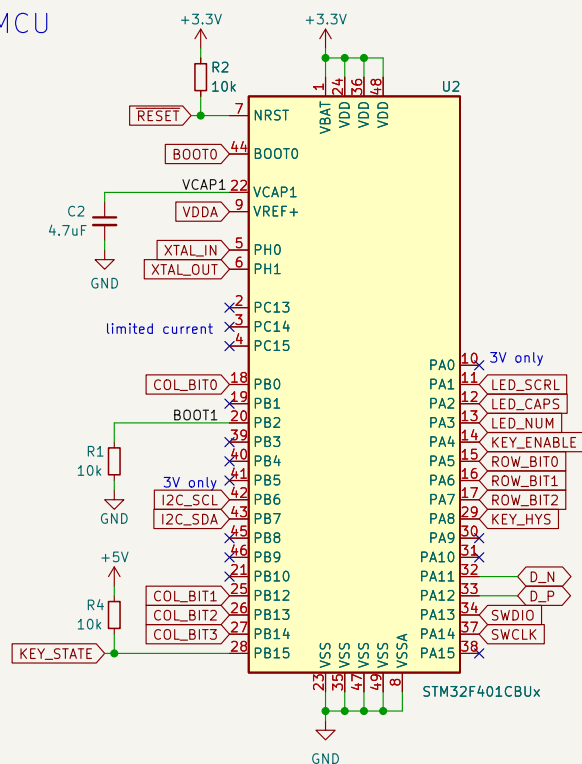
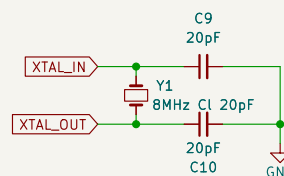


MCU



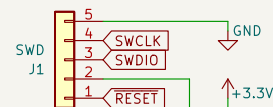
Oscillator



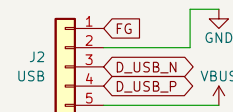
C9, C10 = 2 * 20pF (load capacitance)
- 2 * 10pF (stray capacitance estimate per MCU datasheet)
= 20pF

Crystal frequency chosen based on QMK default board config
GENERIC_STM32_F401XC

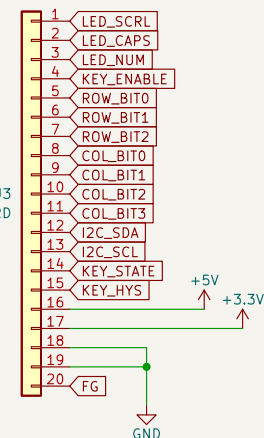
Connectors



USB input

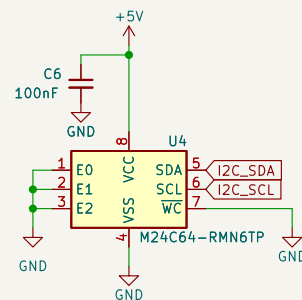


J3
KEYBOARD

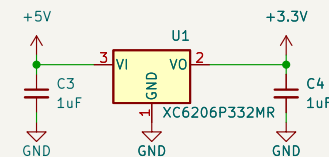
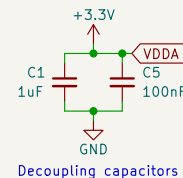
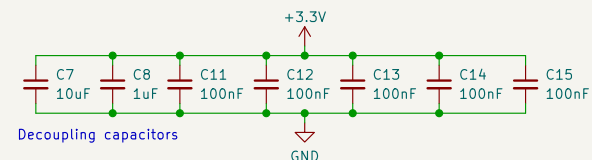


EEPROM

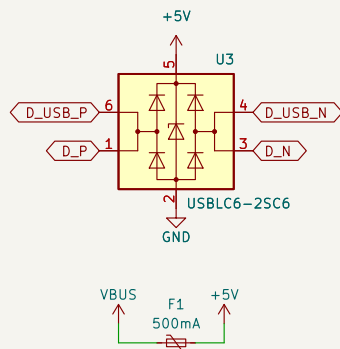
optional



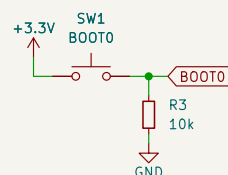
Power



USB protection



Bootloader selection



- H1 JLC tooling hole
- H2 JLC tooling hole



Licensed under CERN-OHL-S V2

Wilhelm Schuster

Sheet: /

File: fc980c-controller.kicad_sch

Title: Leopold FC980C Replacement Controller

Size: A4

Date:

KiCad E.D.A. kicad (6.0.10)

Rev: 2

Id: 1/1