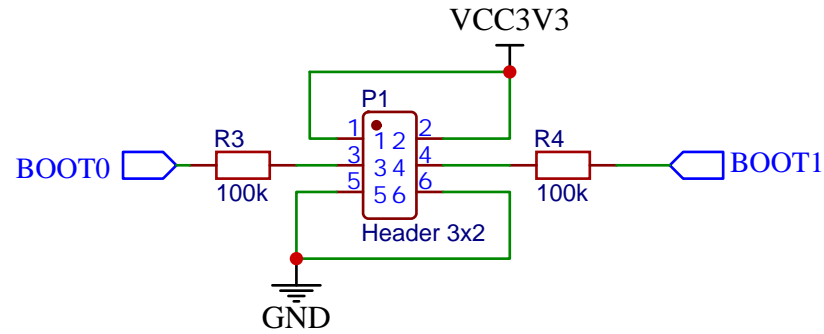
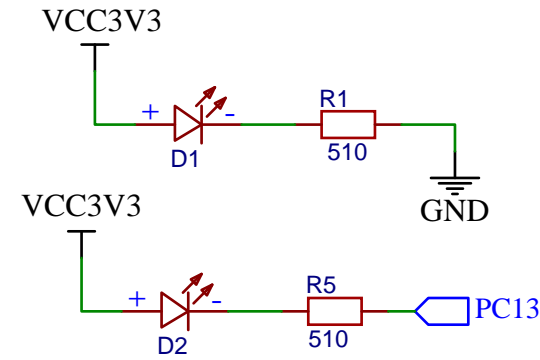


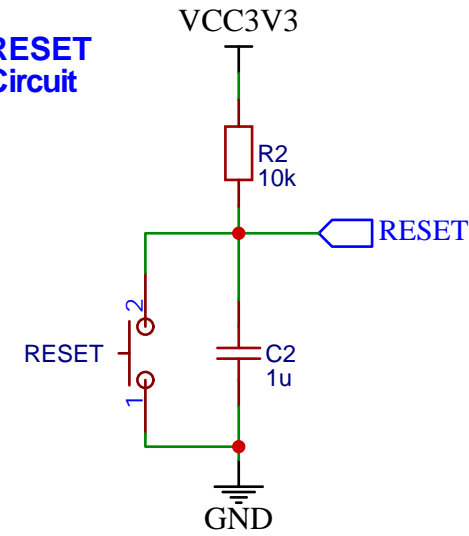
BOOTx Settings



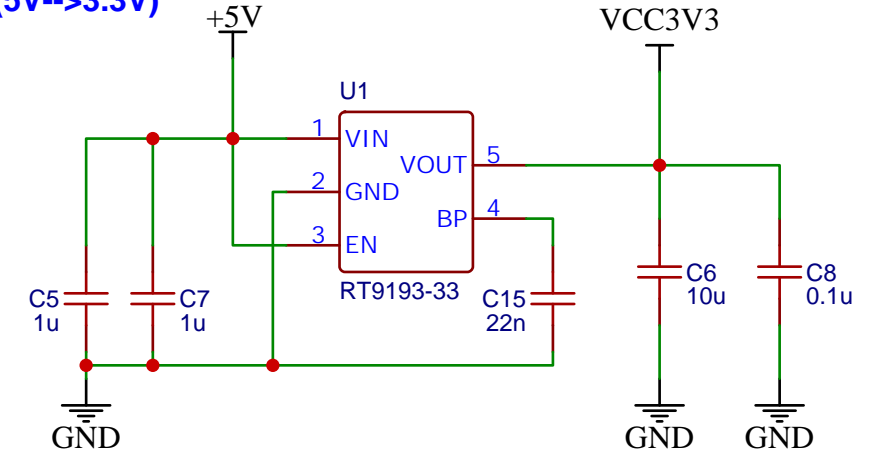
LED D2 Programmable



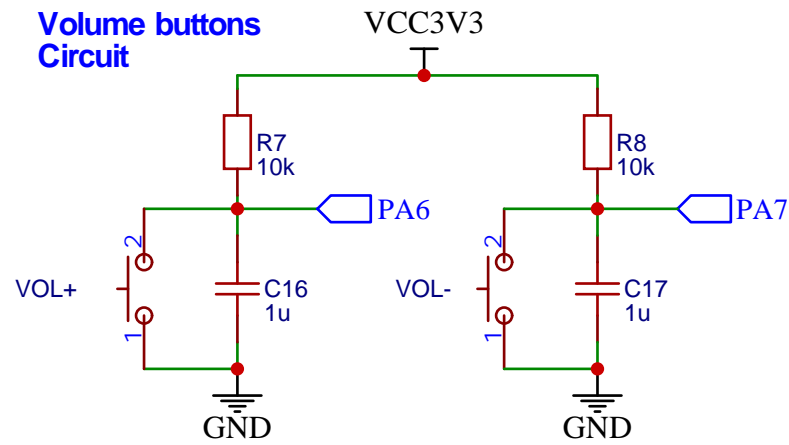
RESET Circuit



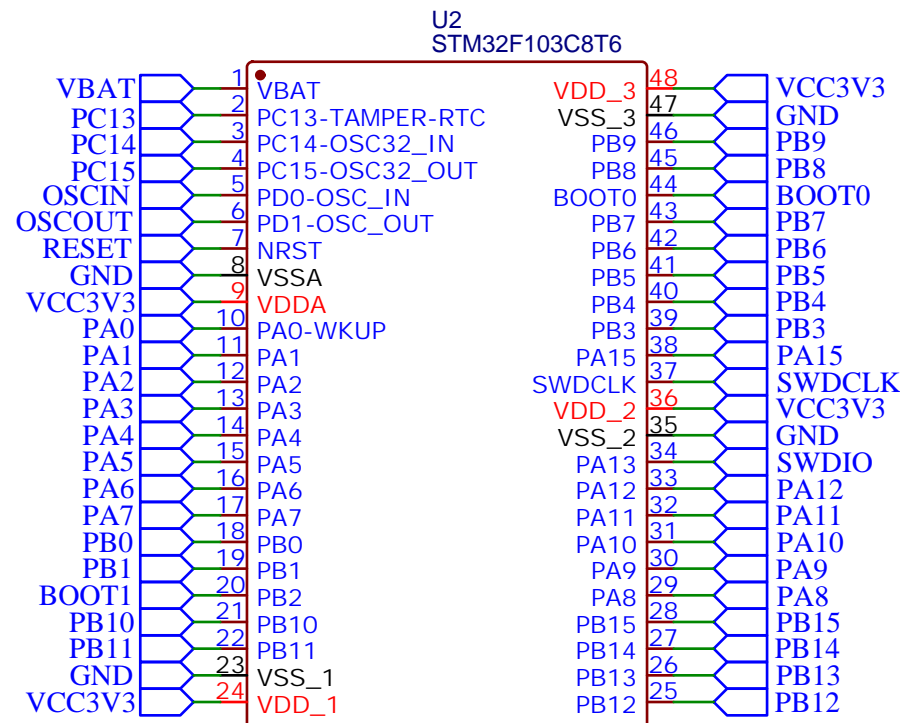
Power Supply (5V-->3.3V)



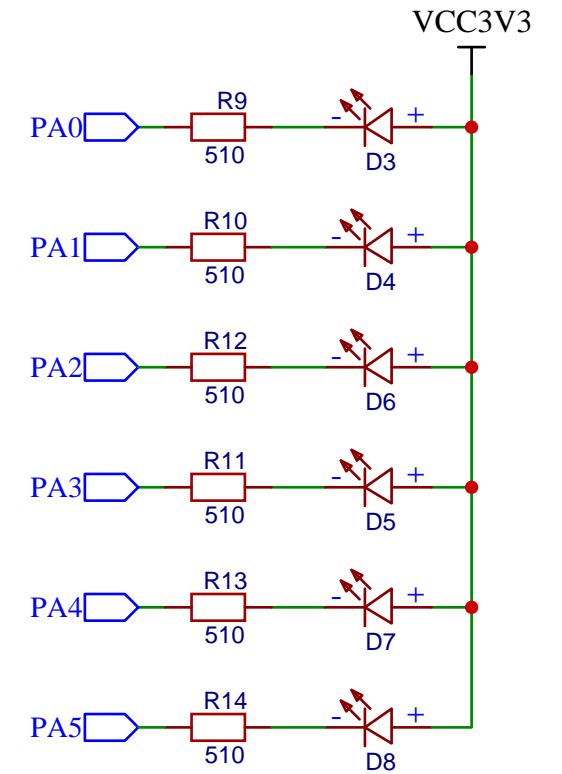
Volume buttons Circuit



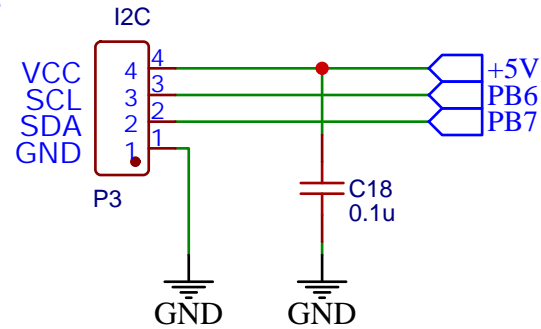
MCU



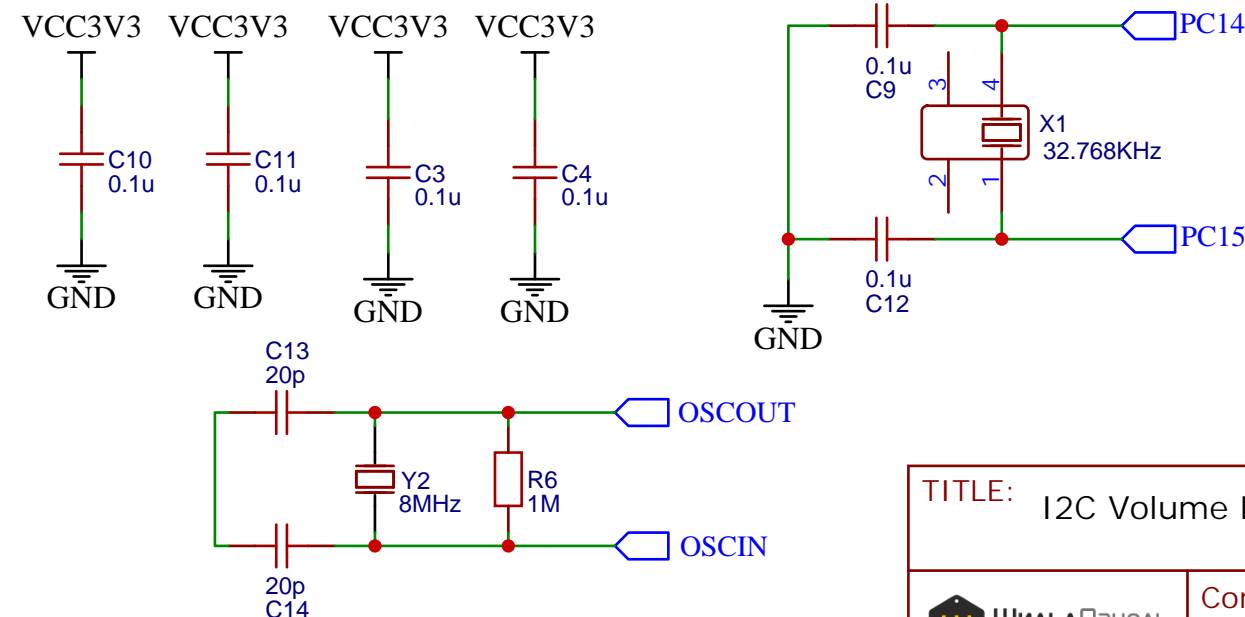
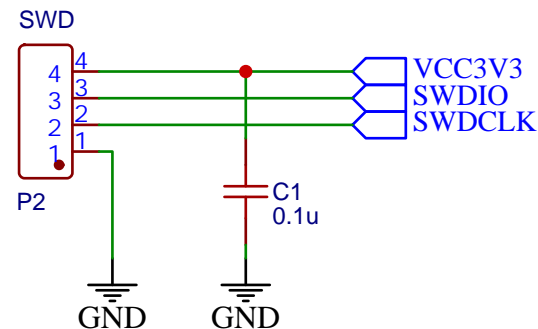
Volume LEDs Circuit



I2C INTERFACE Circuit



J-Link / ST-Link / CMSIS DAP INTERFACE Circuit



TODO in next revisions:

- ESD protection
- Overvoltage protection
- Reverse voltage protection
- Cheaper MCU (like CH32V003)
- BOM optimization ()
- POGO pads for firmware updates

TITLE: I2C Volume Level Keyboard w/ LED indicator

REV: 1.1

Company: <https://shildpanel.ru/>

Sheet: 1/1

Date: 24/02/2025

Drawn By: CHAGIN O.S.

