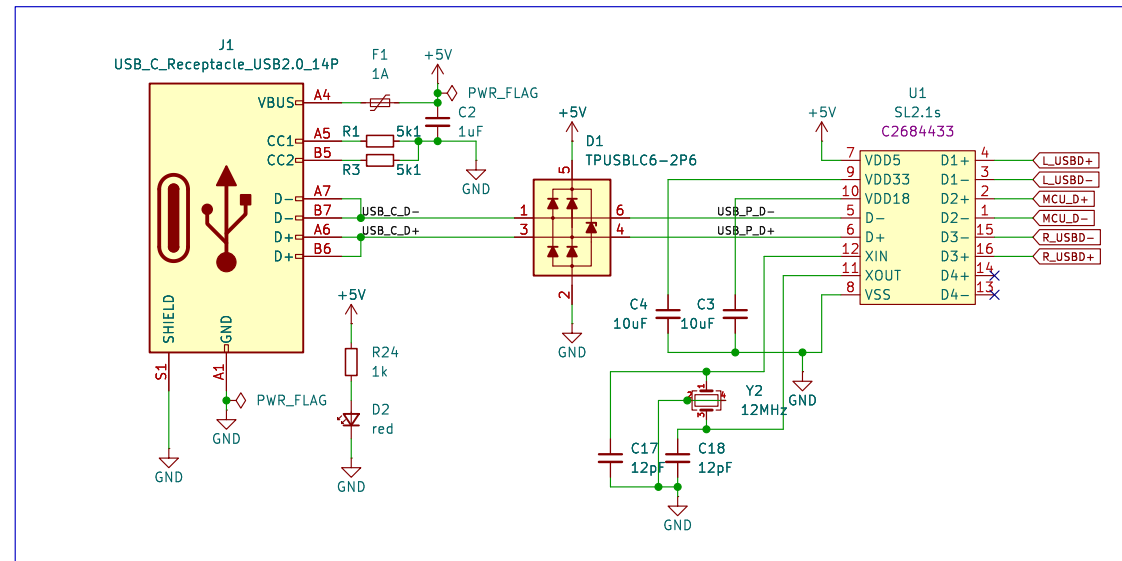
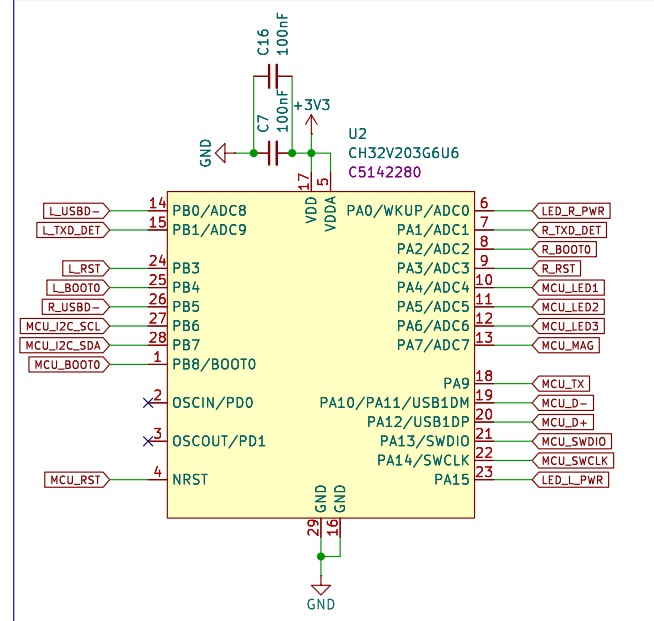


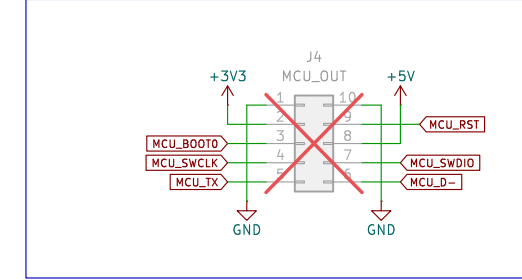
USB Input Connection and Hub



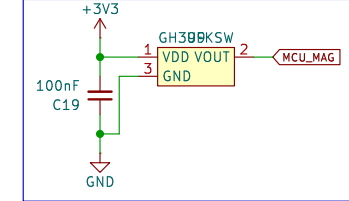
MCU



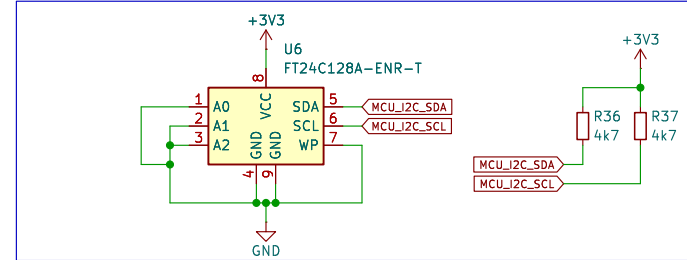
MCU Programming



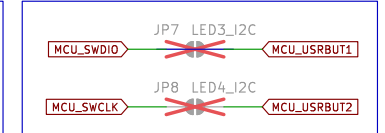
Lid Magnet Sensor



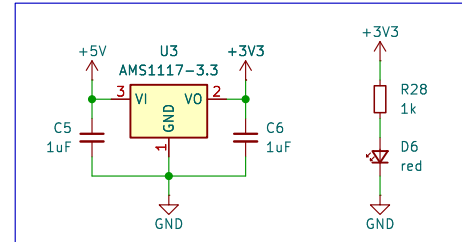
EEPROM



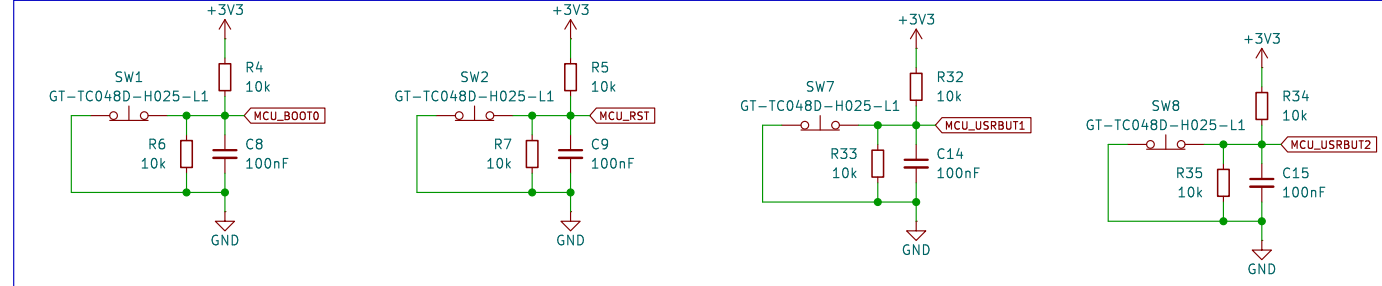
Optional Jewelled IO connections



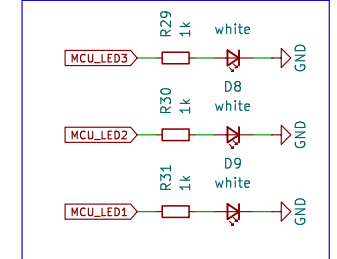
3V3 Rail



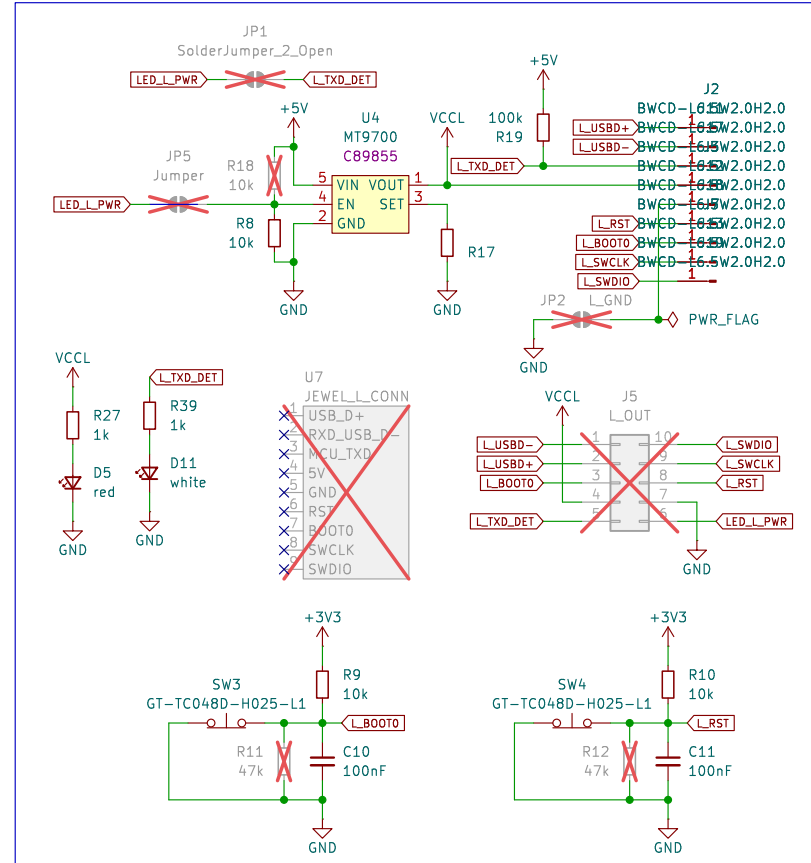
Inputs



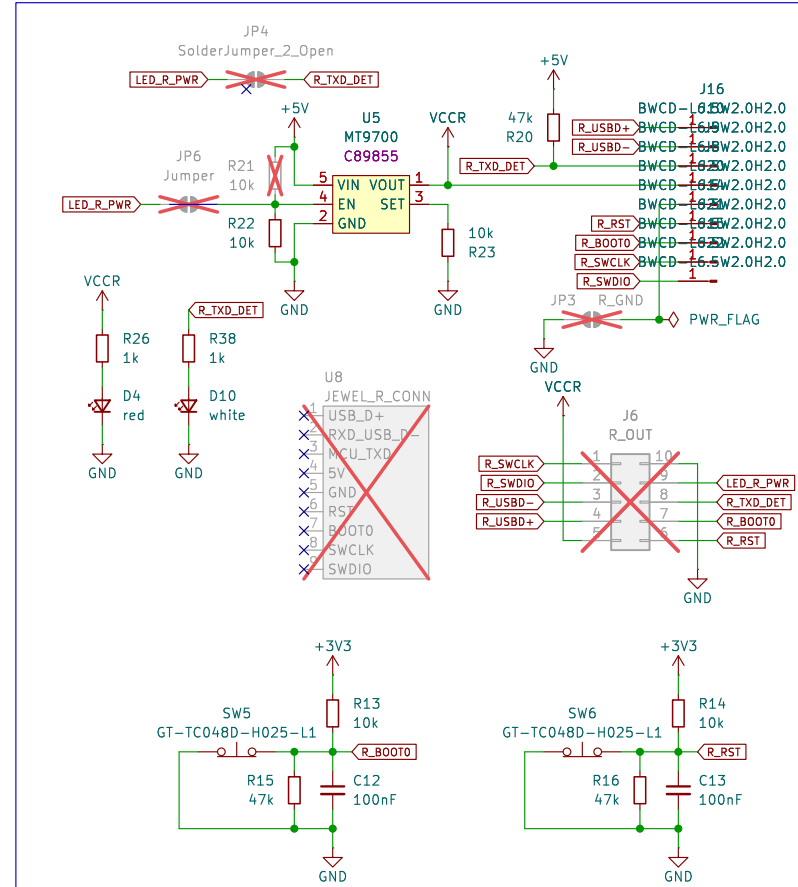
Output



JewelLED Connector Left



JewelLED Connector Right



add 5v boost with lipo charging and efficient 2-way switch between USB.
somehow make the boost converter only connect EN to BAT if USB is dropped?
maybe remove usb hub if i can program them over uart with the other mcu?

- H1 MountingHole
- H2 MountingHole
- H3 MountingHole
- H4 MountingHole
- H5 MountingHole

Matthias Nowak @matthiasnowak

Sheet: /
File: jewelled_lc1_chargerProgrammer.kicad_sch

Title: JewellED/LuxAura LuxCharge charging cradle

Size: A3	Date: 2025-02-09	Rev: 0.2
KiCad E.D.A. 8.0.7		Id: 1/1