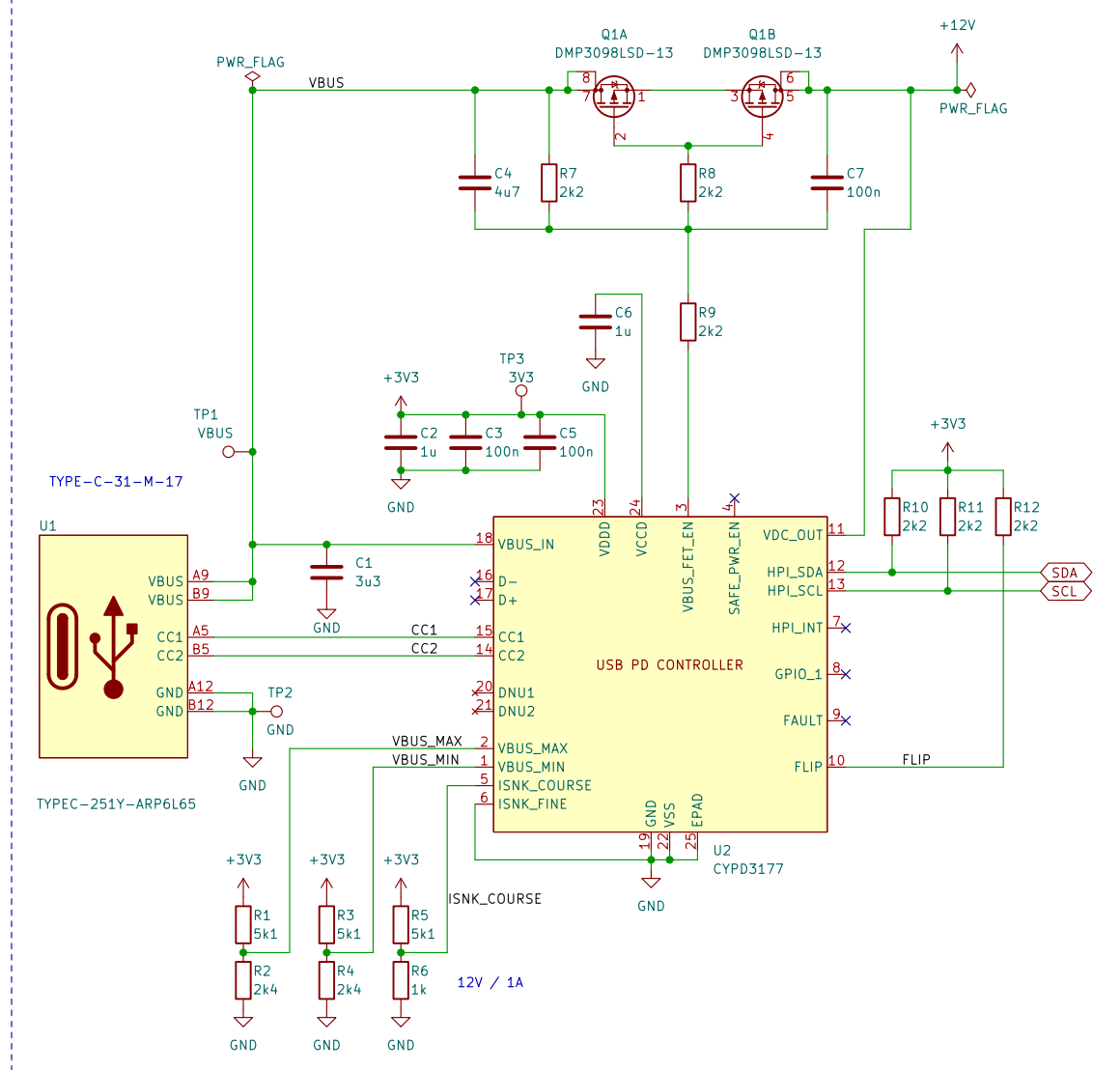
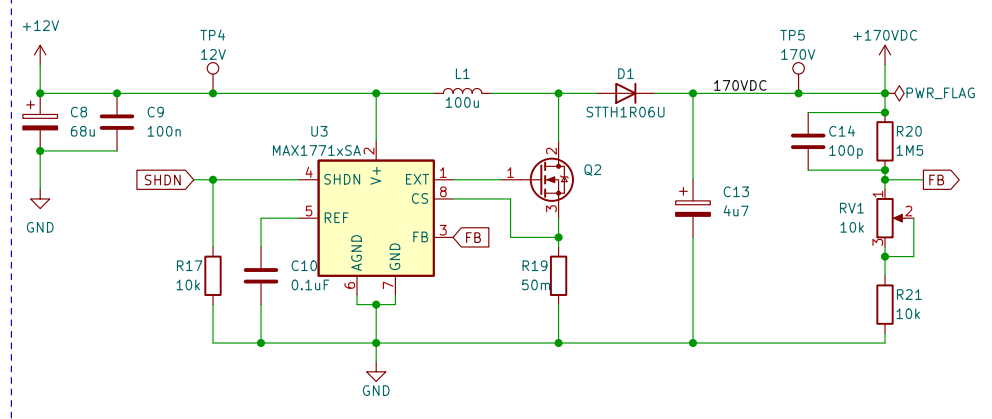


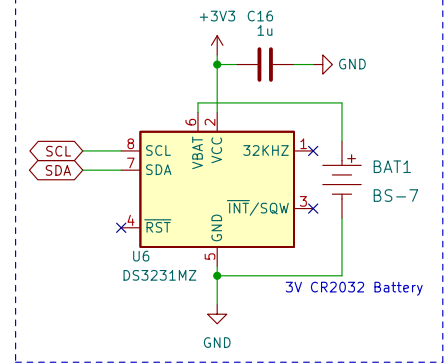
# USB Input and Power Delivery



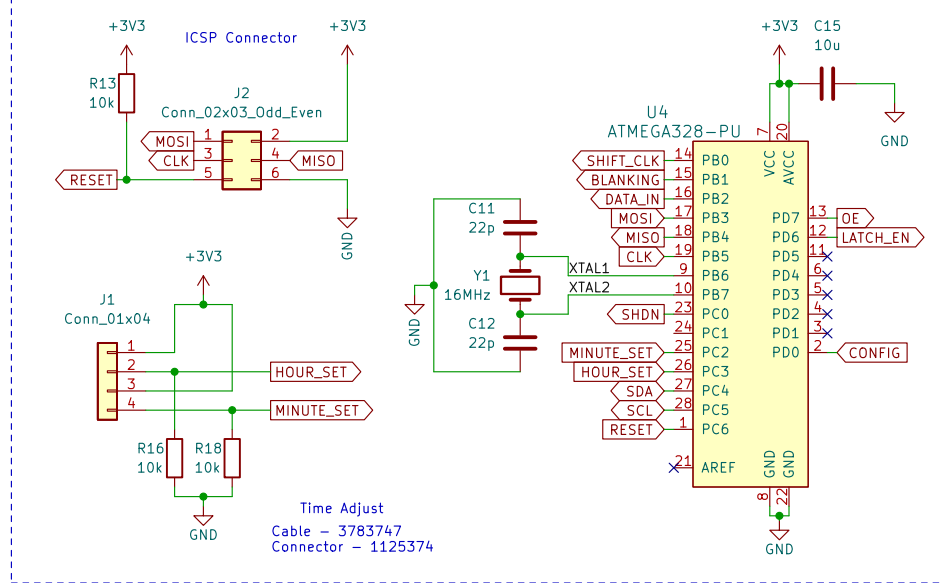
# 12VDC Input and Boost Converter for 170VDC



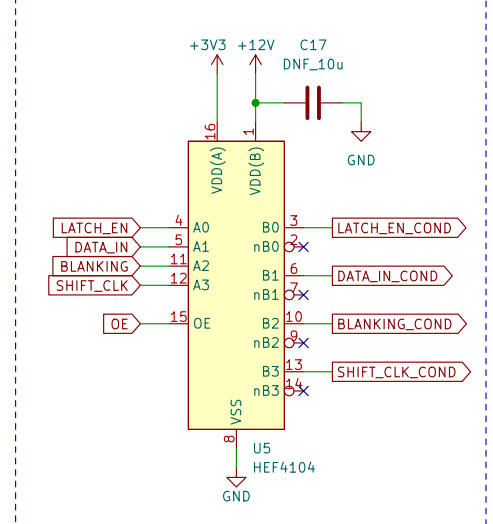
# Real Time Clock



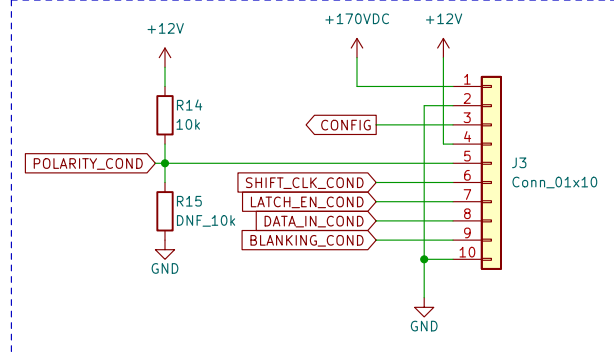
# MCU & Level Shifter



# Level Converter



# Nixie Tube Board Connector



- H1 MountingHole
- H2 MountingHole
- H3 MountingHole

- Boost Converter 170VDC  
 - MCU and RTC  
 - USB C Power Input & Load Switch  
**Chris Oakes Electronics**

Sheet: /  
 File: Main Board.kicad\_sch

**Title: Nixie Tube Clock Main PCB**

Size: A3 Date: 2023-05-17  
 KiCad E.D.A. kicad (6.0.2)

Rev: 01  
 Id: 1/1