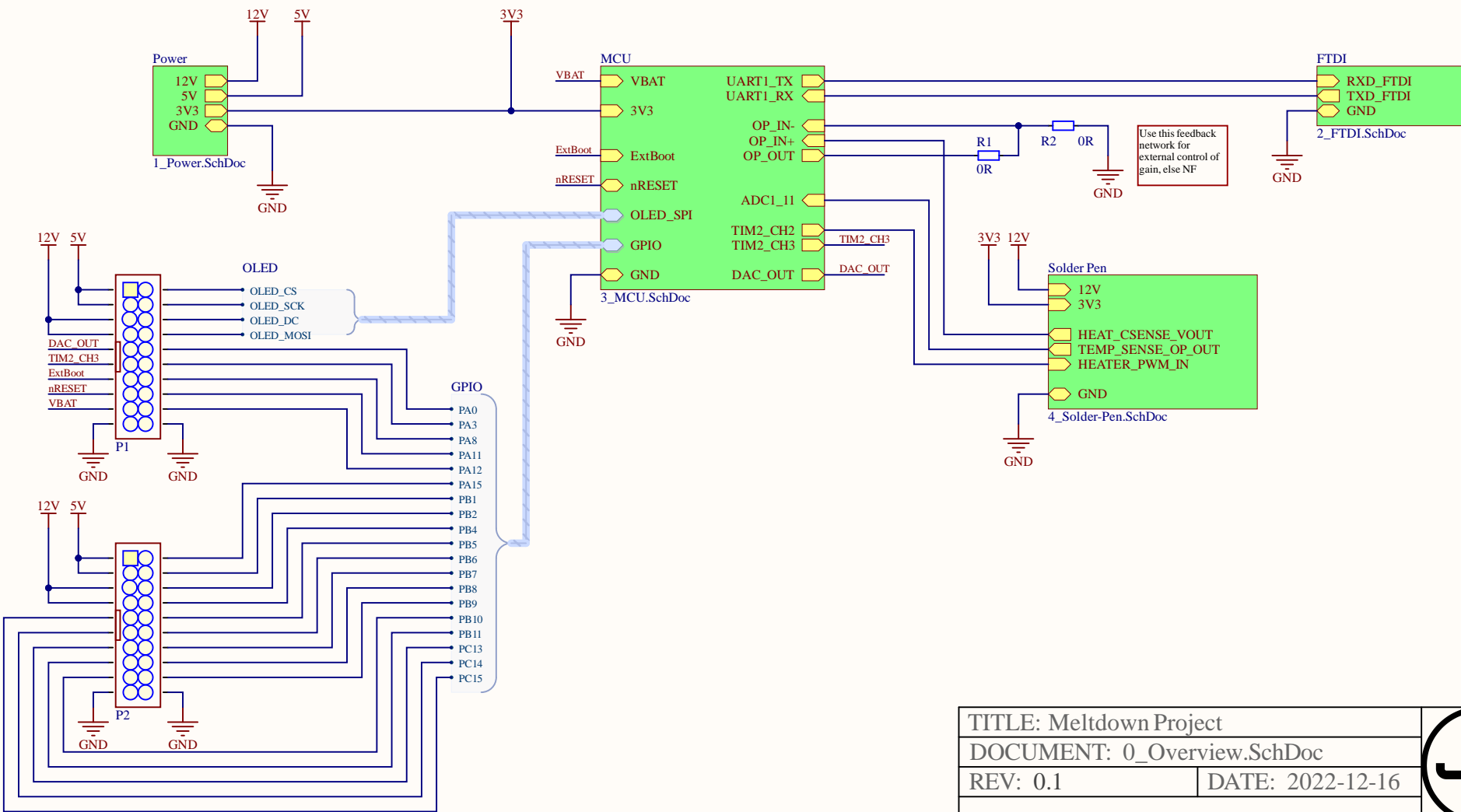
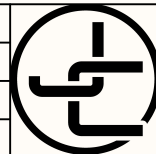


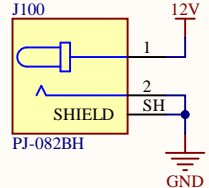
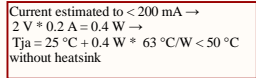
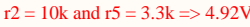
# Meltdown Solder Station



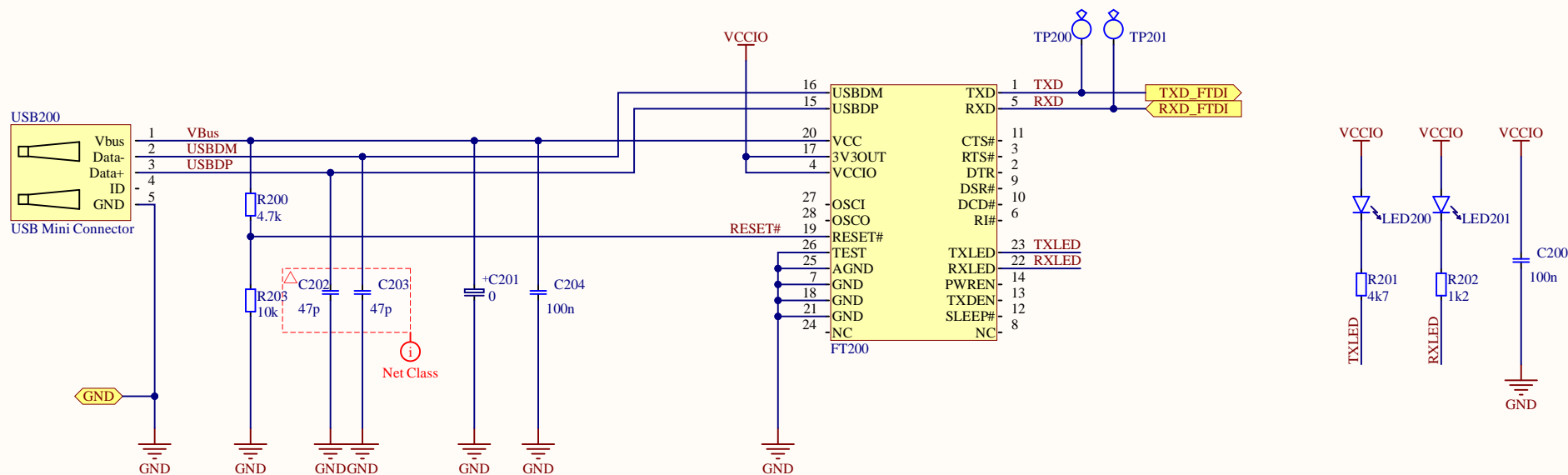
TITLE: Meltdown Project	
DOCUMENT: 0_Overview.SchDoc	
REV: 0.1	DATE: 2022-12-16



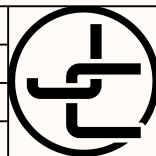
## 4



# [2] FTDI



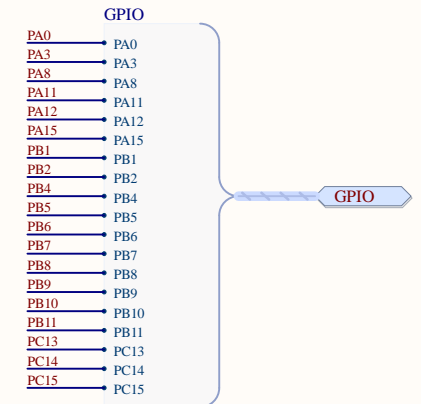
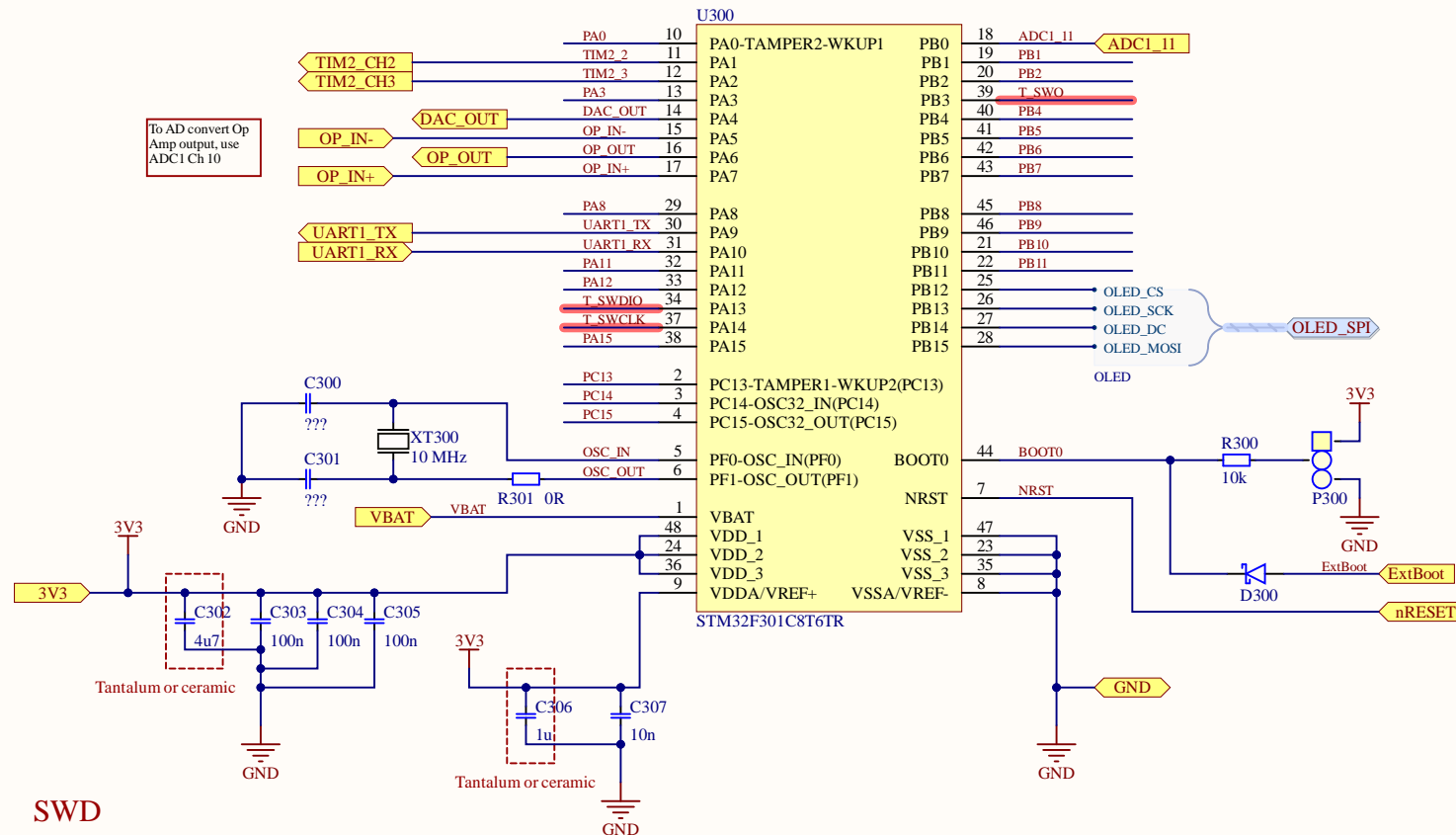
TITLE: Meltdown Project  
DOCUMENT: 2\_FTDI.SchDoc  
REV: 0.1  
DATE: 2022-12-16



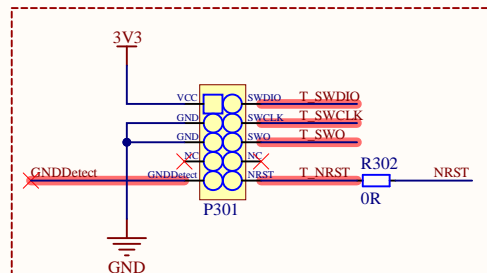
# [3] MCU

## TODO

- Check nRST, might be driven from multiple? connect to interface board
- Use a Pi-filter for VDDA?



## SWD



TITLE: Meltdown Project  
DOCUMENT: 3\_MCU.SchDoc  
REV: 0.1  
DATE: 2022-12-16

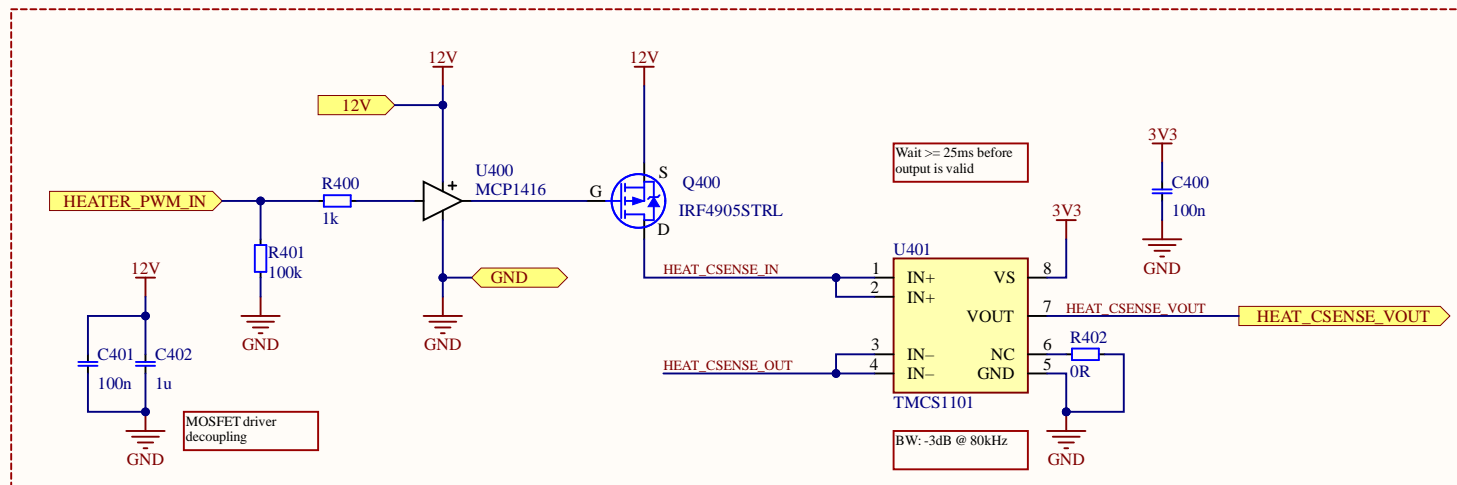


# [4] Solder Pen

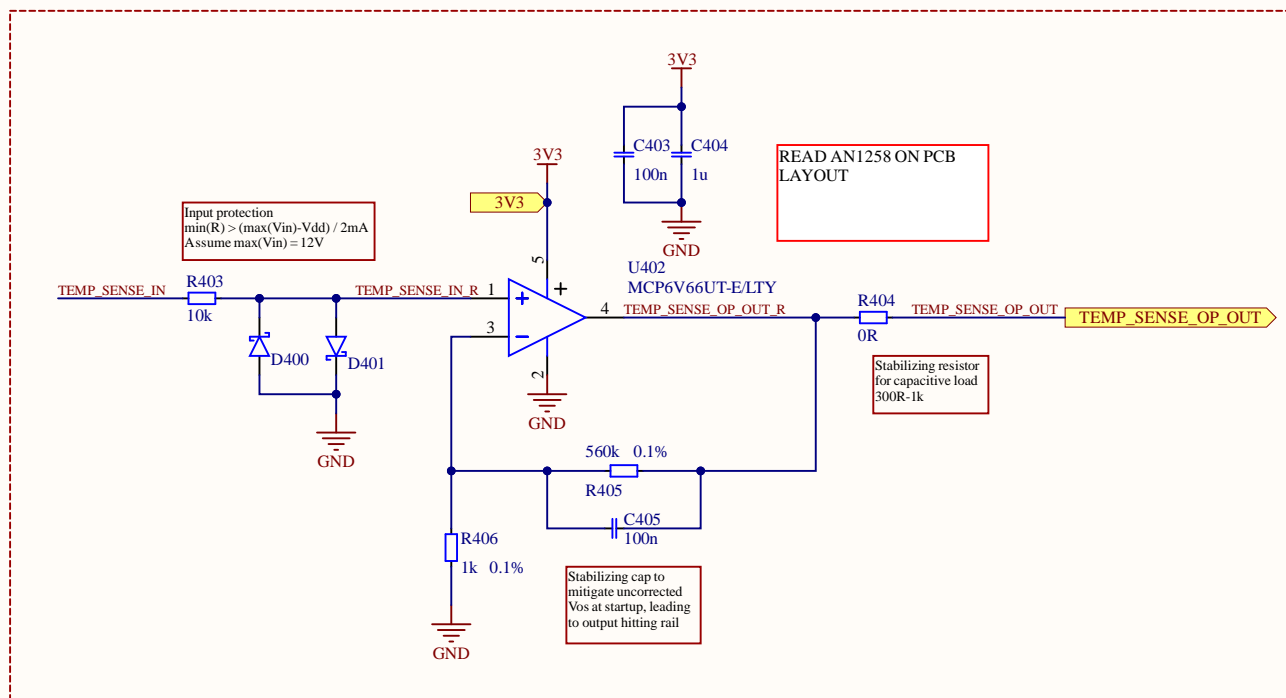
## TODO

- Check solder pen connections
- Check if mosfet driver is 1416 or 1416R - we have 1416

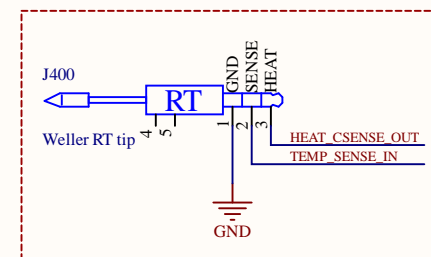
## Driver circuit for solder tip, with current sensing



## Temp sensor precision amplifier



## Solder tip connector



TITLE: Meltdown Project  
DOCUMENT: 4\_Solder-Pen.SchDoc  
REV: 0.1  
DATE: 2022-12-16

