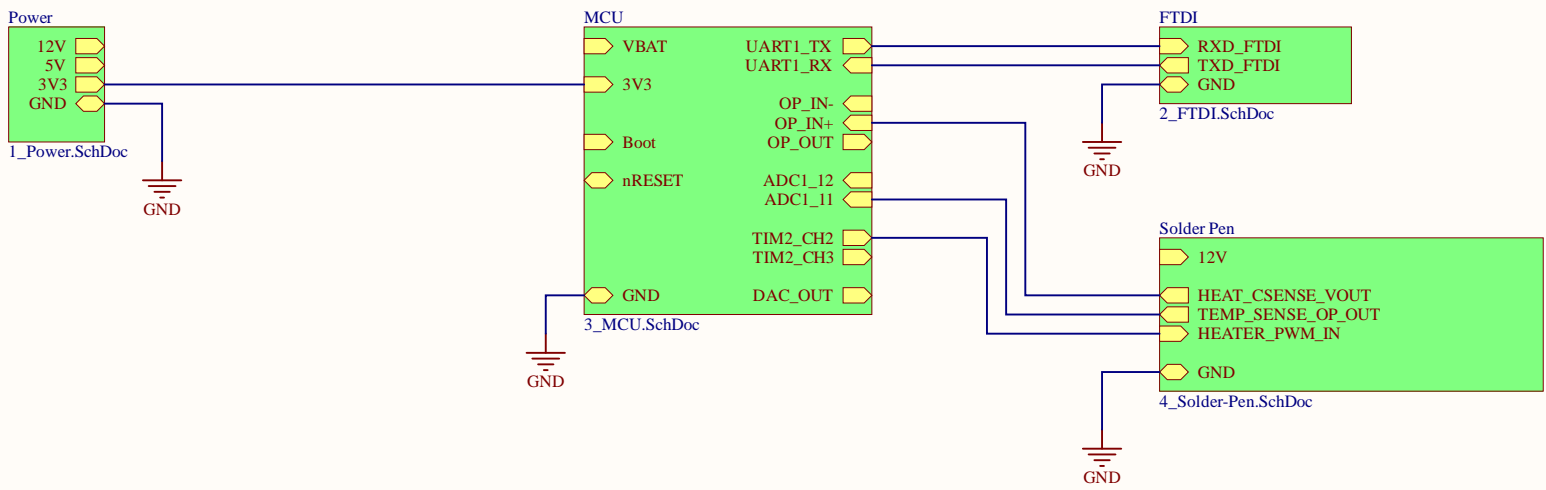
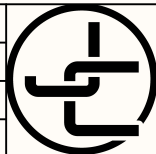


# Meltdown Solder Station

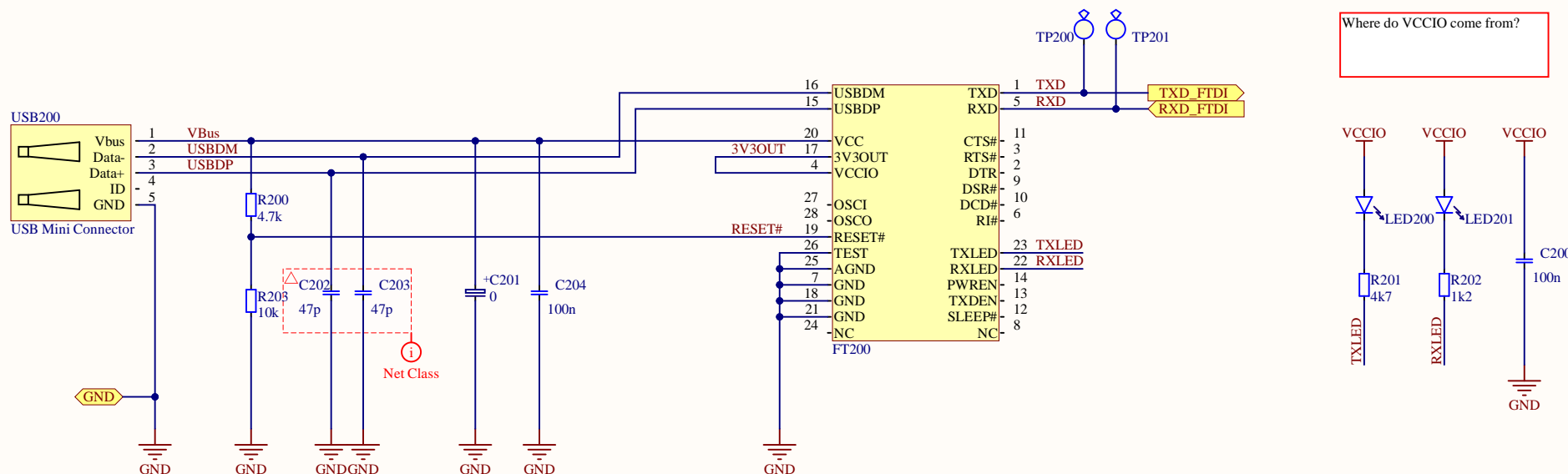


TITLE: Meltdown Project	
DOCUMENT: 0_Overview.SchDoc	
REV: 0.1	DATE: 2022-11-05

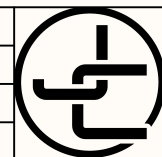


## 4

# [2] FTDI



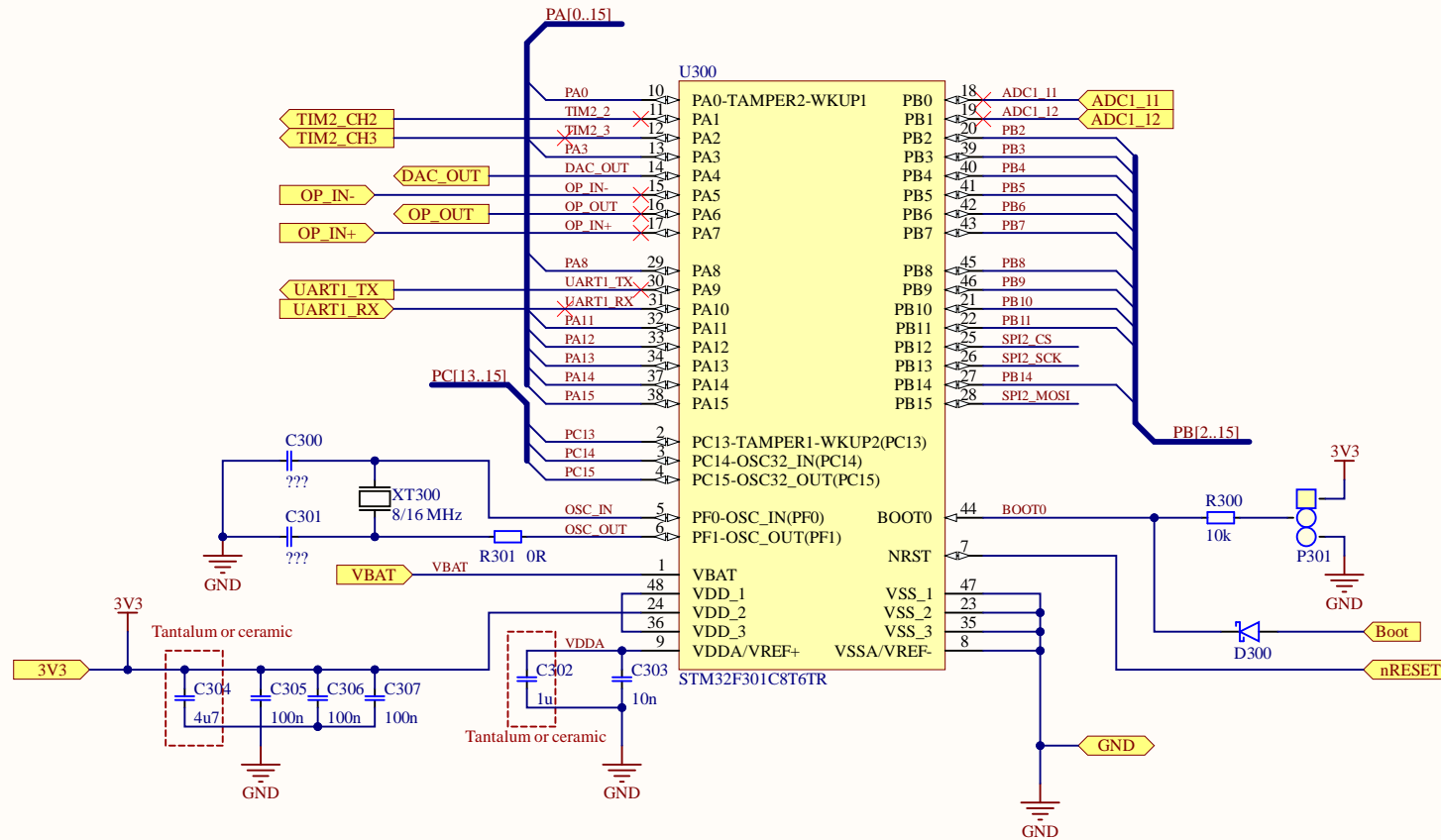
TITLE: Meltdown Project  
DOCUMENT: 2\_FTDI.SchDoc  
REV: 0.1  
DATE: 2022-11-05



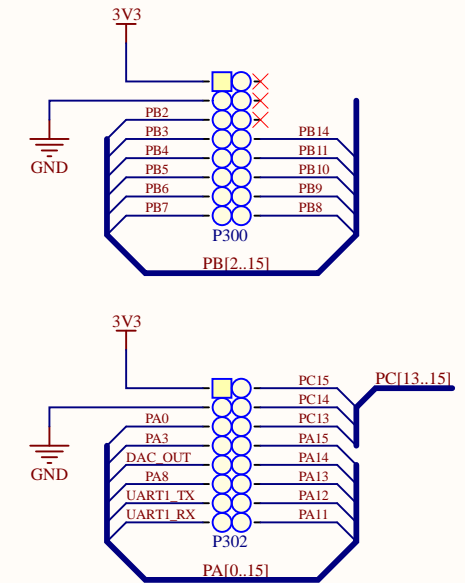
# [3] MCU

## TODO

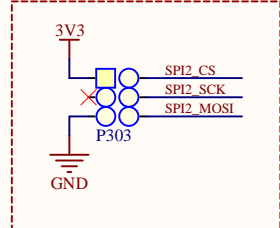
- Find XTAL 4-32MHz
- Connect VDDA and filter
- Connect ST LINK
- Connect OLED Display



## GPIO Headers



## SPI Display Header

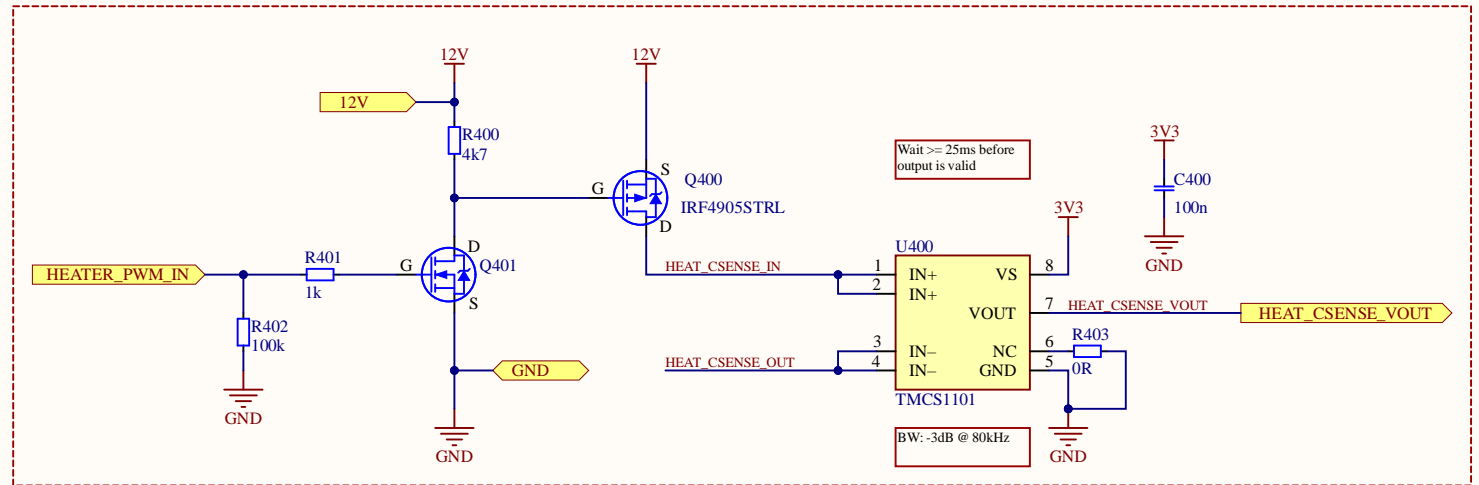


TITLE: Meltdown Project  
DOCUMENT: 3\_MCU.SchDoc  
REV: 0.1  
DATE: 2022-11-05

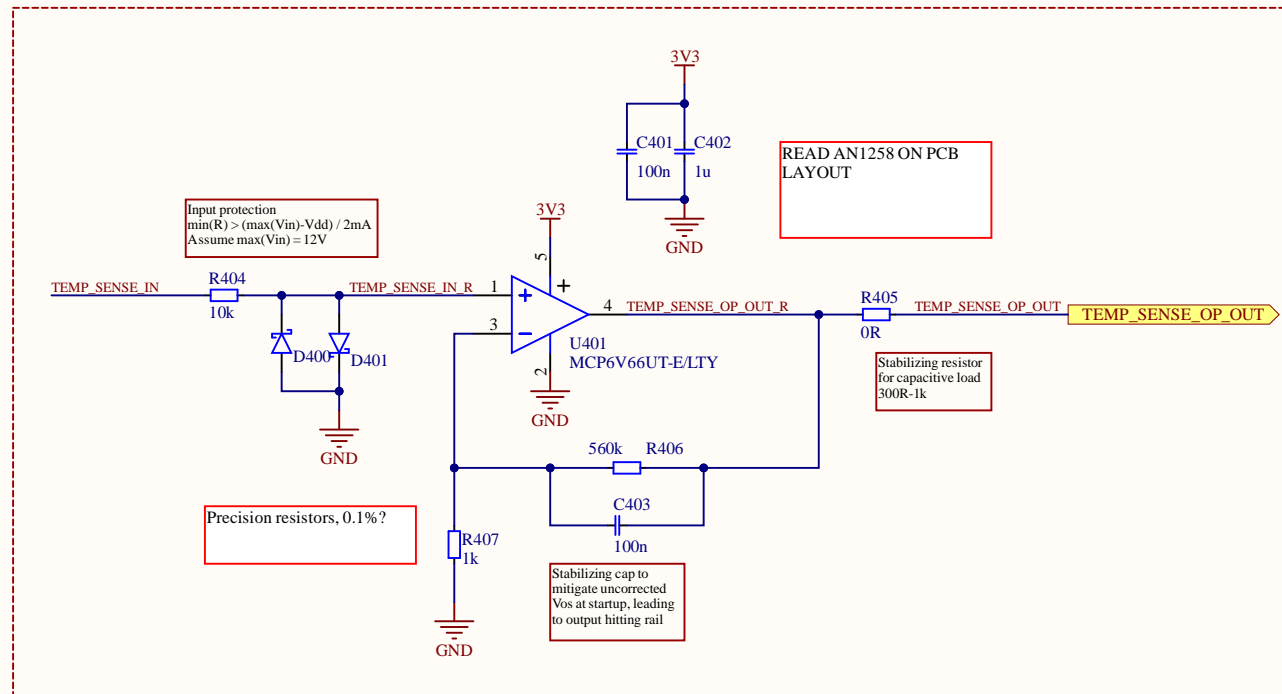


#### [4] Solder Pen

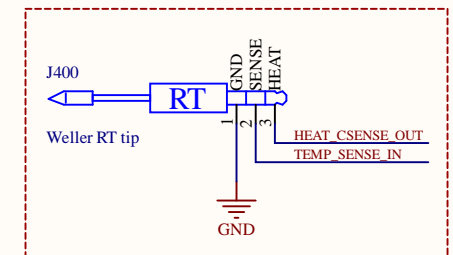
## Driver circuit for solder tip, with current sensing



## Temp sensor precision amplifier



### Solder tip connector



TITLE: Meltdown Project	
DOCUMENT: 4_Solder-Pen.SchDoc	
REV: 0.1	DATE: 2022-11-05

