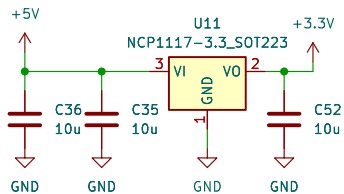
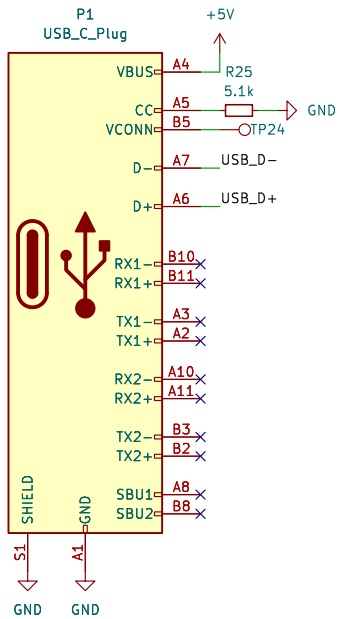
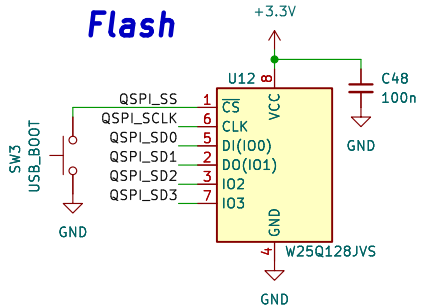


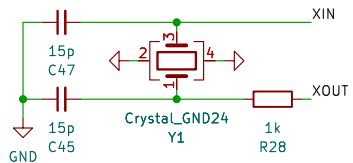
## Power input



## Flash



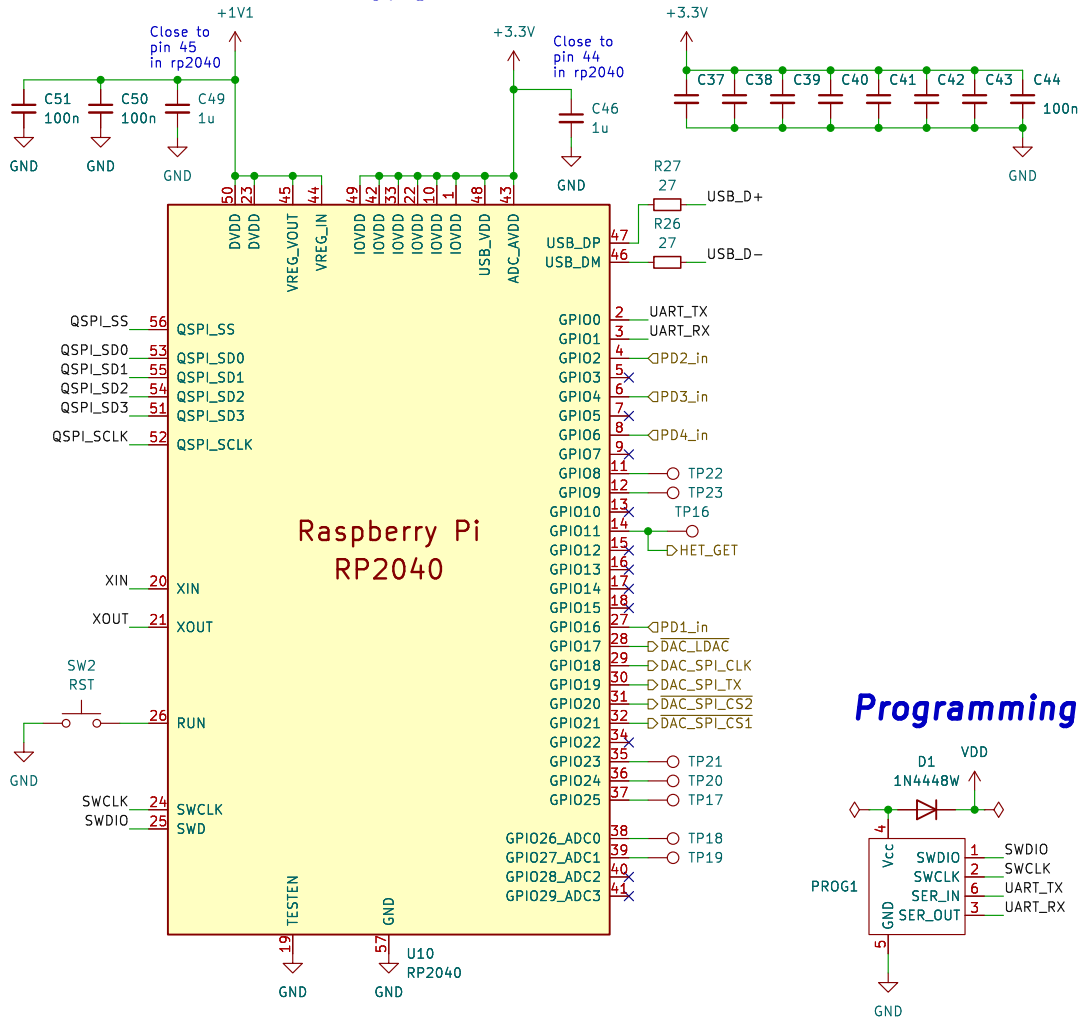
## Crystal



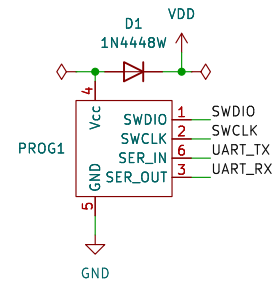
## Peripheral supply



**CPU**



## Programming



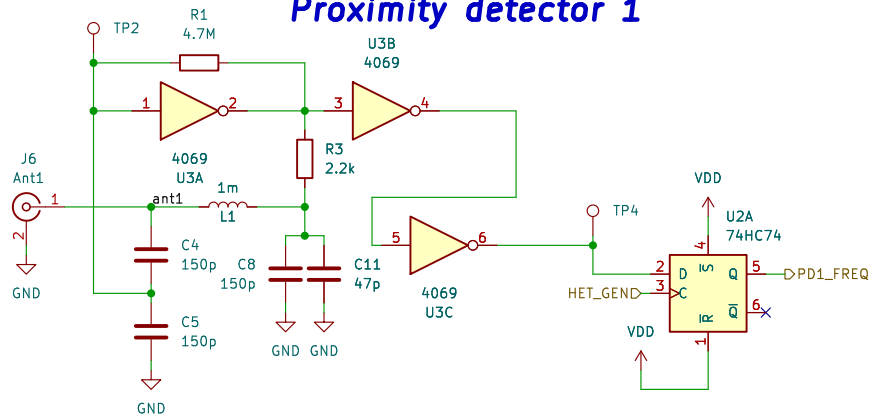
Sheet: /CPU/  
File: CPU.kicad\_sch

**Title:**

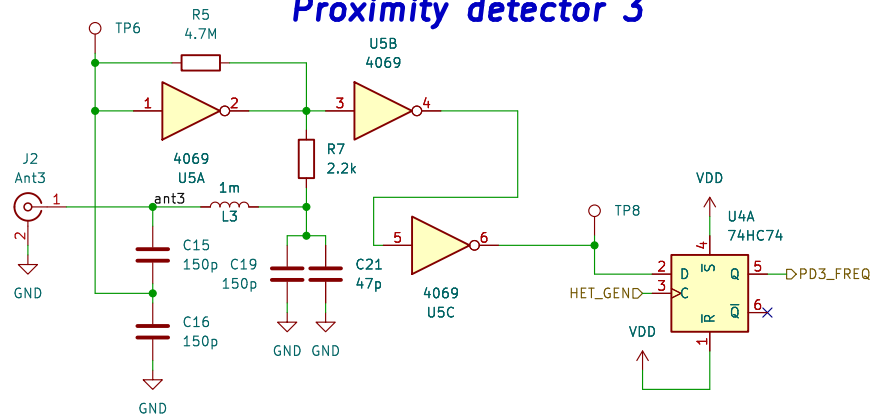
Size: A4	Date:
KiCad E.D.A. kicad 7.0.10	

Rev:
Id: 2/4

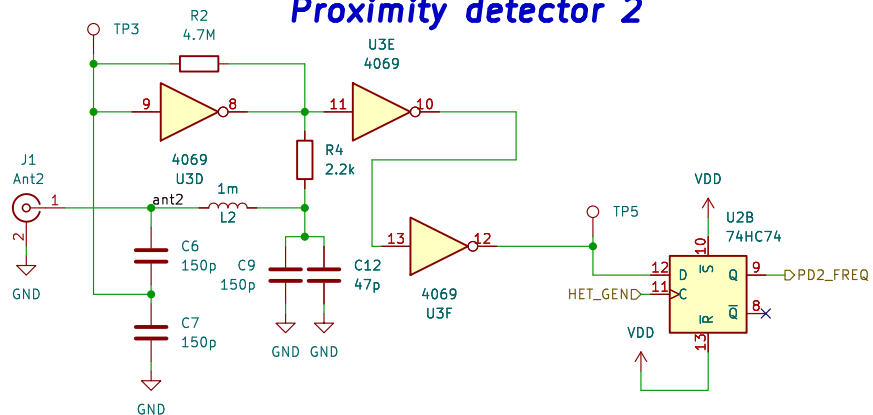
### Proximity detector 1



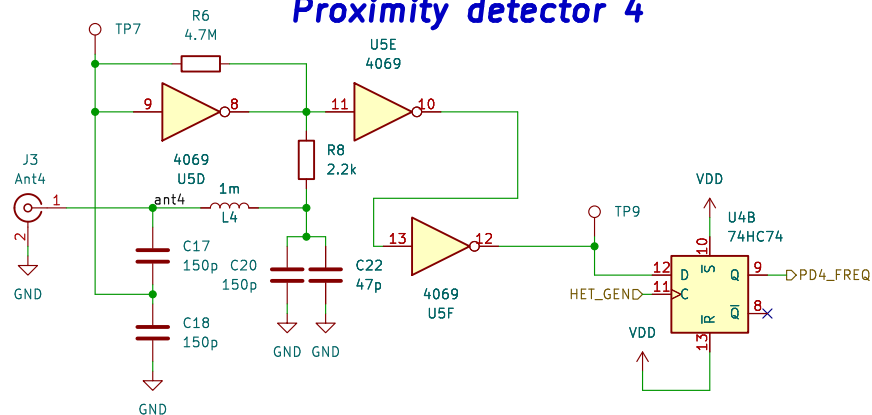
### Proximity detector 3



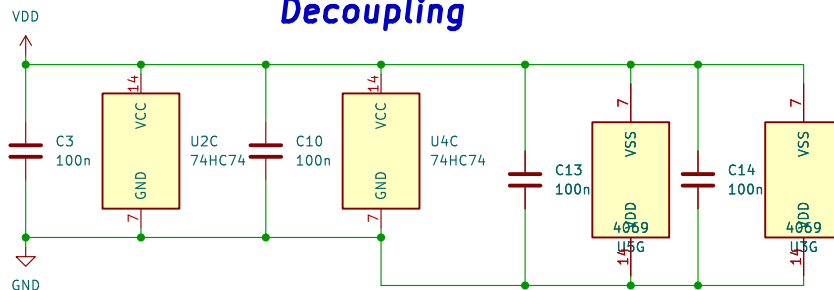
### Proximity detector 2



### Proximity detector 4



### Decoupling



Sheet: /Proximity\_detector/  
File: Proximity\_detector.kicad\_sch

**Title:**

Size: A4

Date:

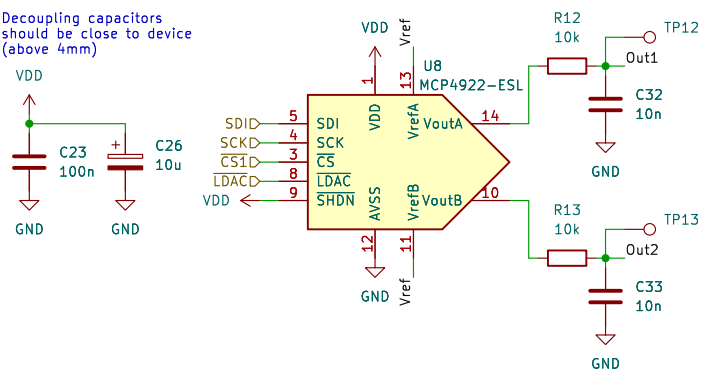
KiCad E.D.A. kicad 7.0.10

**Rev:**

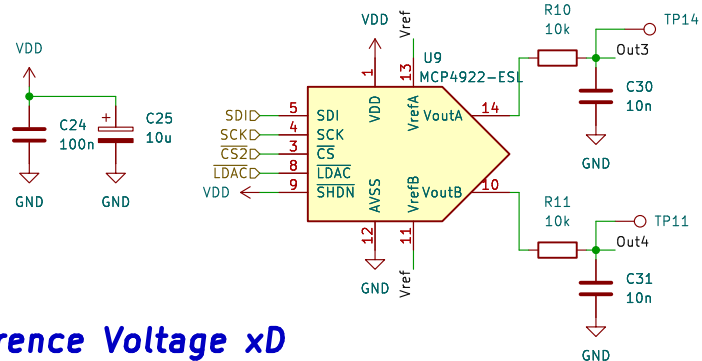
Id: 3/4

## DAC1

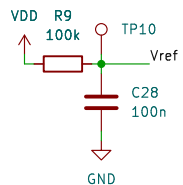
Decoupling capacitors  
should be close to device  
(above 4mm)



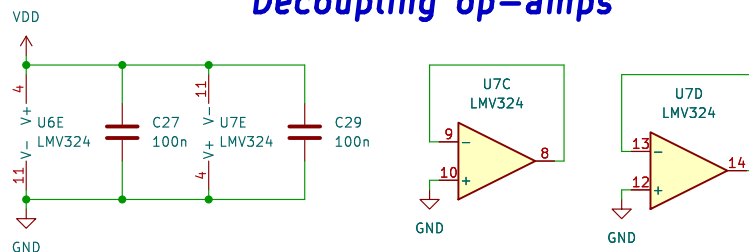
## DAC2



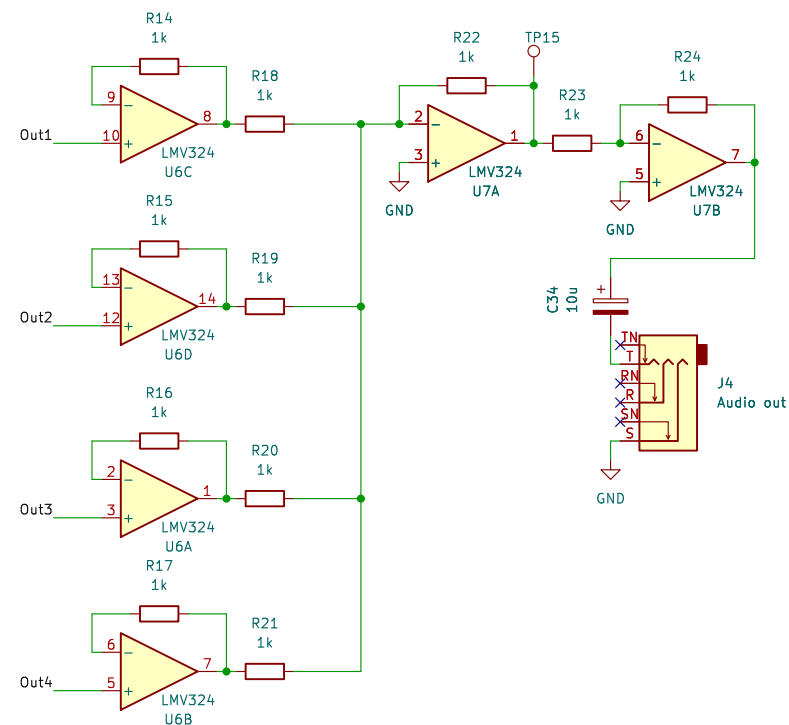
## Reference Voltage xD



## Decoupling op-amps



## AUDIO MIXER



Sheet: /AUDIO\_DAC/  
File: AUDIO\_DAC.kicad\_sch

**Title:**

Size: A4  
KiCad E.D.A. kicad 7.0.10

Date:

**Rev:**  
Id: 4/4