

Beta radiation detector

Tim Kuhlbusch

Sheet: /MCU/

File: mcu.kicad\_sch

**Title: Beta Board**

Size: A4

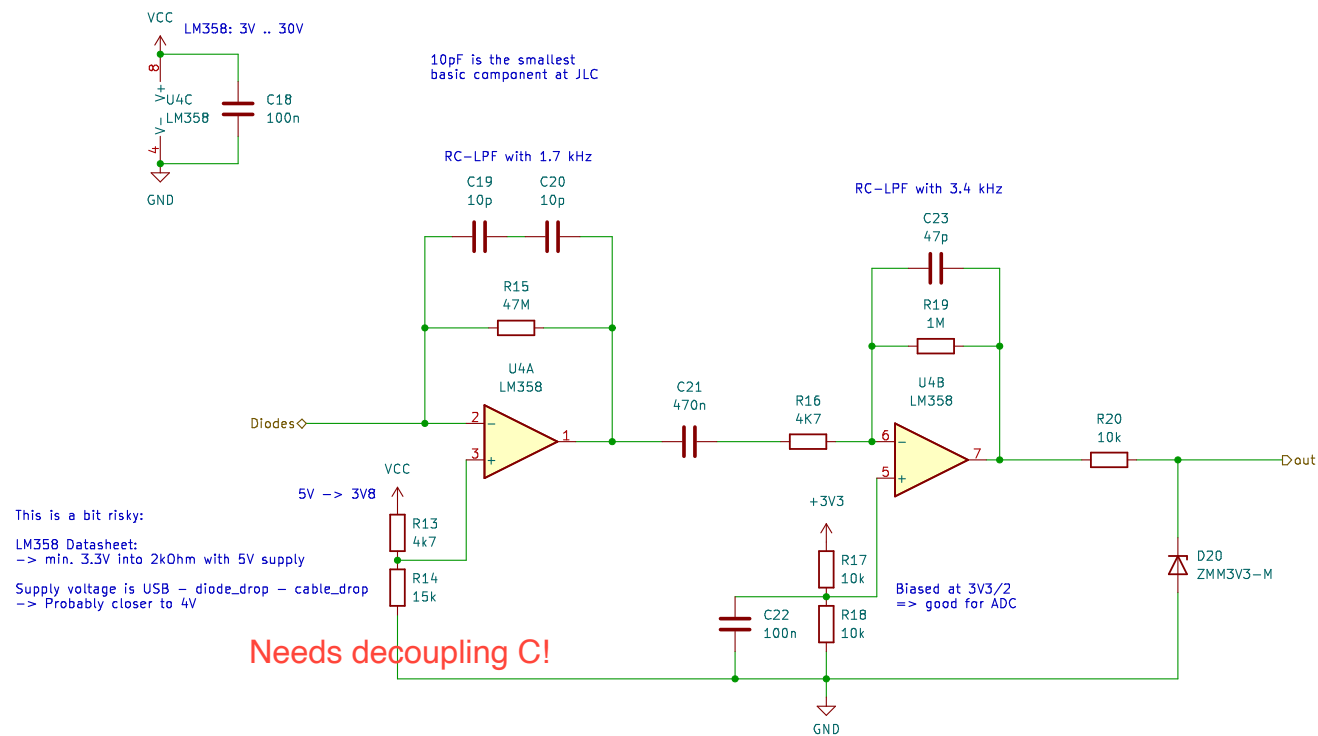
Date: 2023-12-28

Rev: R1.0

KiCad E.D.A. kicad 6.0.11+dfsg-1

Id: 2/6

Inspired by:  
[https://github.com/ozel/DIY\\_particle\\_detector/blob/master/hardware/V1.2/documentation/DIY%20particle%20detector%20schematic%20v1-2.pdf](https://github.com/ozel/DIY_particle_detector/blob/master/hardware/V1.2/documentation/DIY%20particle%20detector%20schematic%20v1-2.pdf)



### Beta radiation detector

**Tim Kuhlbusch**

Sheet: /particle\_sensor\_array/

File: frontend.kicad\_sch

**Title: Beta Board**

Size: A4	Date:
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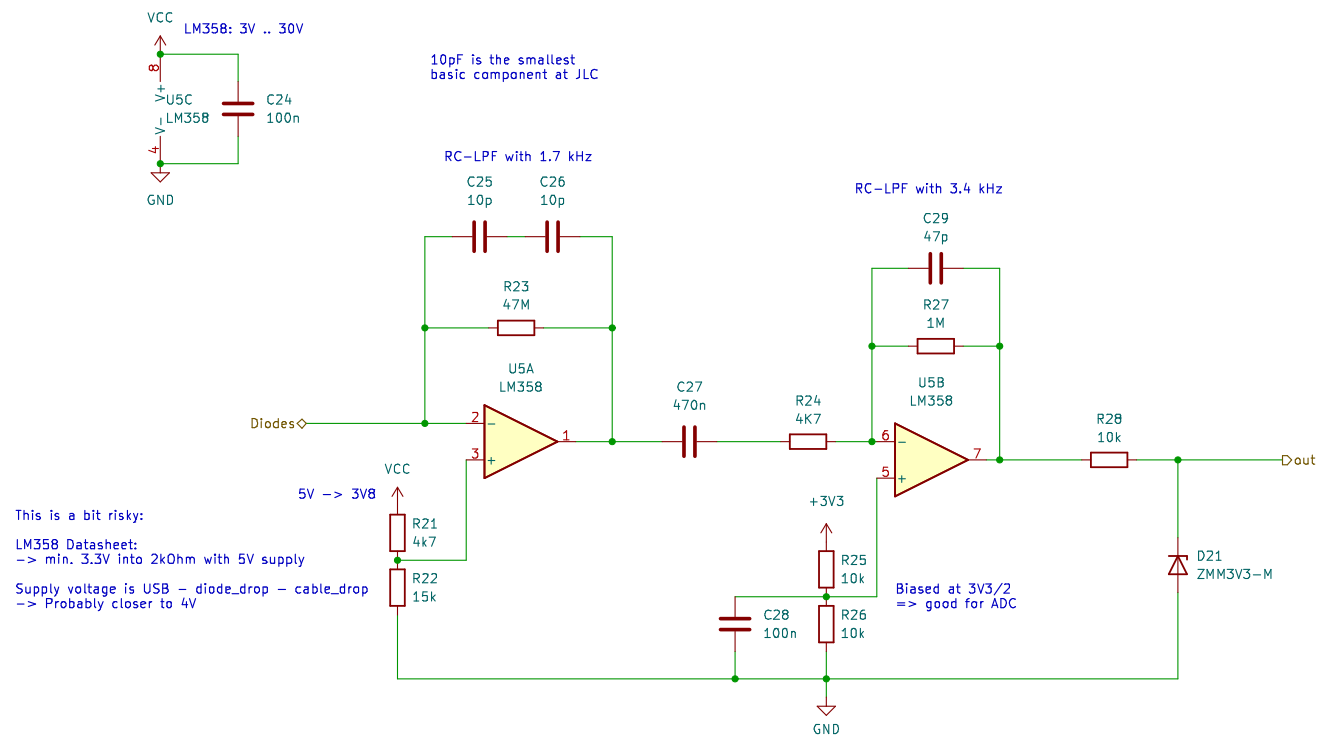
KiCad E.D.A. kicad 6.0.11+dfsg-1

4	
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Rev: R1.0

Id: 3/6

Inspired by:  
[https://github.com/ozel/DIY\\_particle\\_detector/blob/master/hardware/V1.2/documentation/DIY%20particle%20detector%20schematic%20v1-2.pdf](https://github.com/ozel/DIY_particle_detector/blob/master/hardware/V1.2/documentation/DIY%20particle%20detector%20schematic%20v1-2.pdf)



Beta radiation detector

**Tim Kuhlbusch**

Sheet: /particle\_sensor\_array1/

File: frontend.kicad\_sch

**Title: Beta Board**

Size: A4

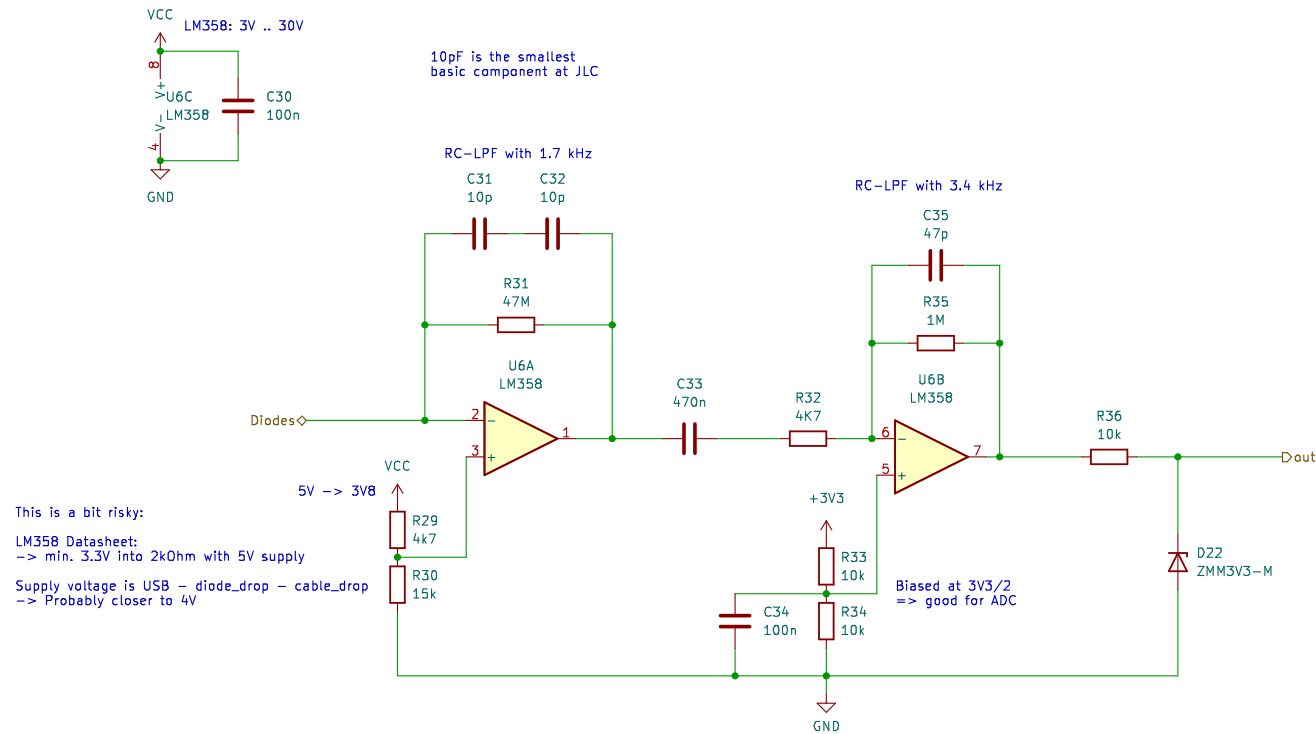
Date: 2023-12-28

**Rev: R1.0**

KiCad E.D.A. kicad 6.0.11+dfsg-1

Id: 4/6

Inspired by:  
[https://github.com/ozel/DIY\\_particle\\_detector/blob/master/hardware/V1.2/documentation/DIY%20particle%20detector%20schematic%20v1-2.pdf](https://github.com/ozel/DIY_particle_detector/blob/master/hardware/V1.2/documentation/DIY%20particle%20detector%20schematic%20v1-2.pdf)



Beta radiation detector

**Tim Kuhlbusch**

Sheet: /particle\_sensor\_array2/

File: frontend.kicad\_sch

**Title: Beta Board**

Size: A4

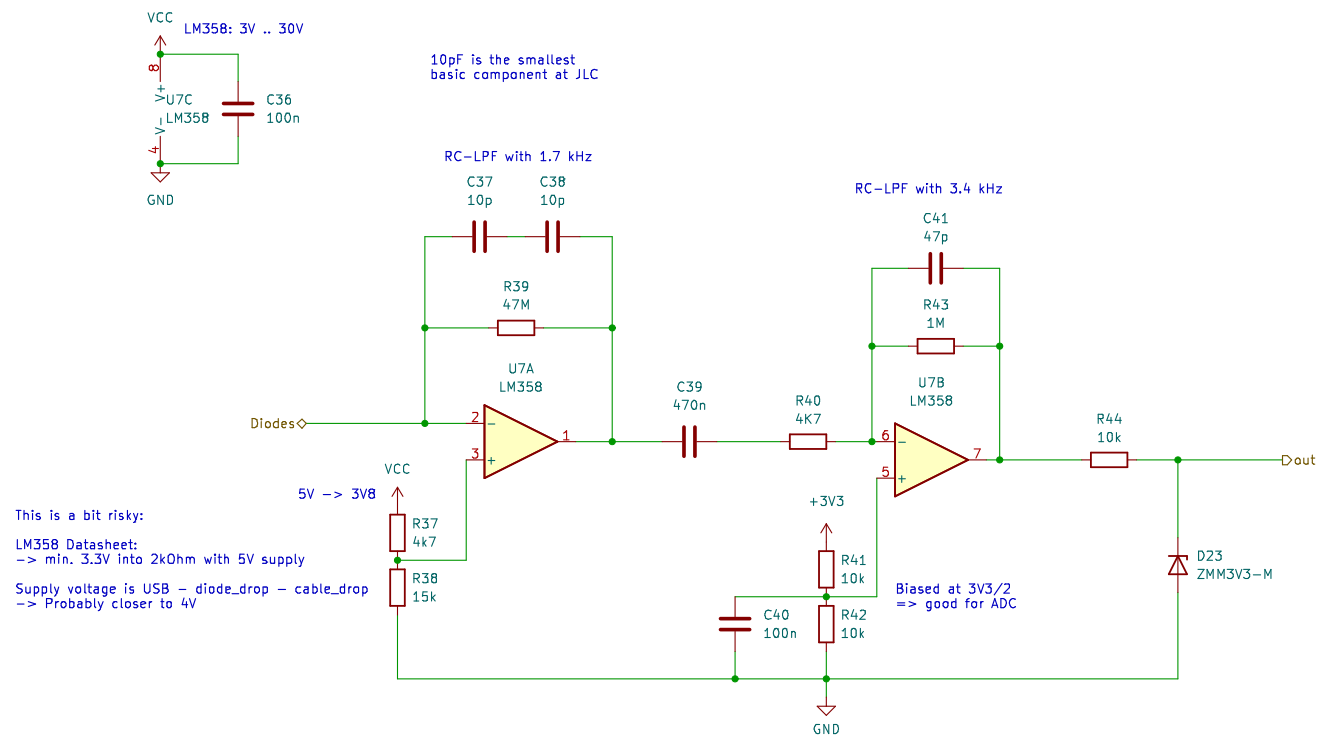
Date: 2023-12-28

**Rev: R1.0**

KiCad E.D.A. kicad 6.0.11+dfsg-1

Id: 5/6

Inspired by:  
[https://github.com/ozel/DIY\\_particle\\_detector/blob/master/hardware/V1.2/documentation/DIY%20particle%20detector%20schematic%20v1-2.pdf](https://github.com/ozel/DIY_particle_detector/blob/master/hardware/V1.2/documentation/DIY%20particle%20detector%20schematic%20v1-2.pdf)



Beta radiation detector

**Tim Kuhlbusch**

Sheet: /particle\_sensor\_array3/

File: frontend.kicad\_sch

**Title: Beta Board**

Size: A4

Date: 2023-12-28

**Rev: R1.0**

KiCad E.D.A. kicad 6.0.11+dfsg-1

Id: 6/6