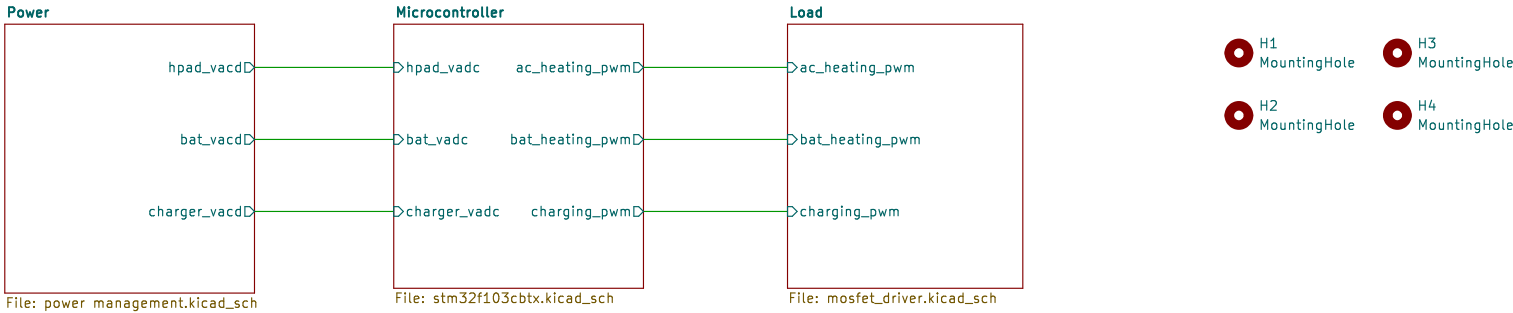


# Neonest V 1.0.3 Schematic circuit



Che innovations

Sheet: /  
File: Neonest\_V\_1.3.kicad\_sch

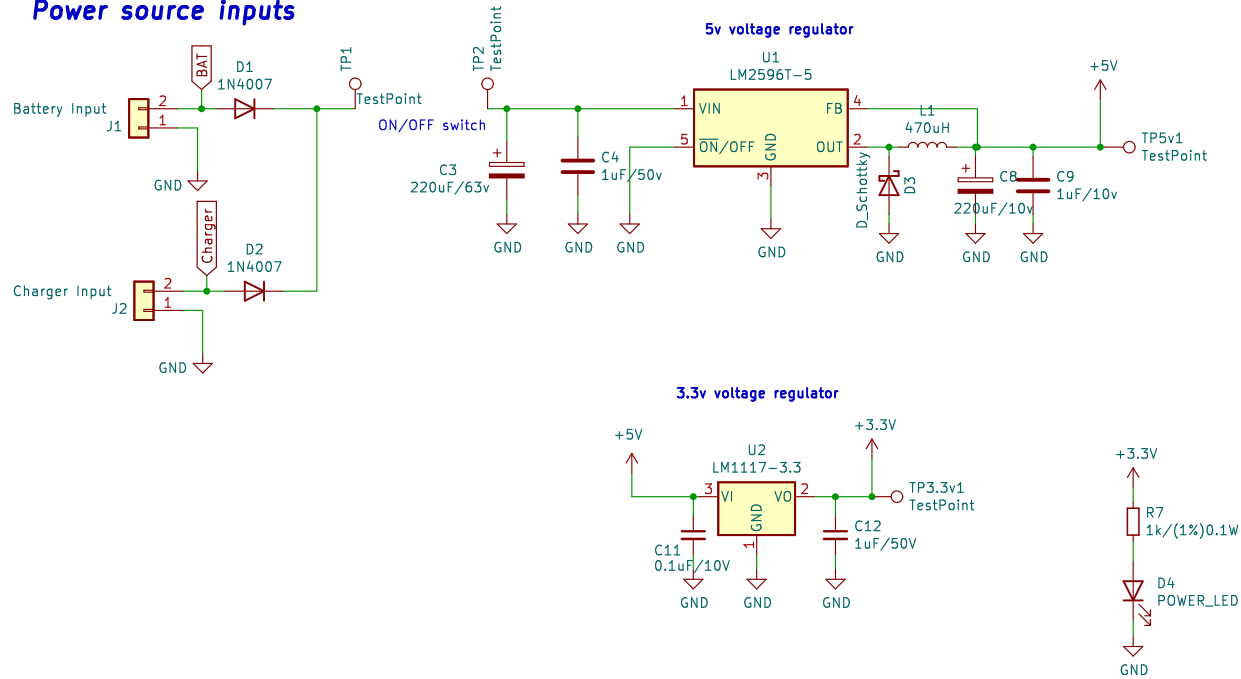
**Title: Neonest v 1.3**

Size: A4 Date: 2025-08-07

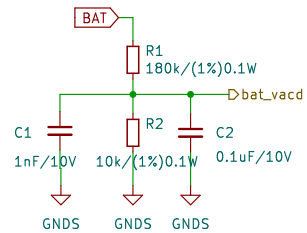
KiCad E.D.A. kicad 7.0.11-rc3

Rev:  
Id: 1/4

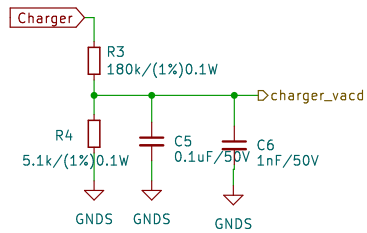
## Power source inputs



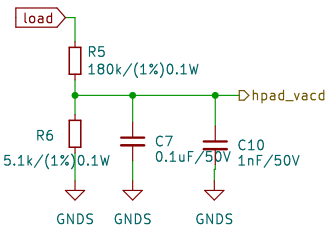
## Sense battery voltage



## Sense charger voltage



## Sense heating pad voltage



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Sheet: /Power/  
File: power management.kicad\_sch

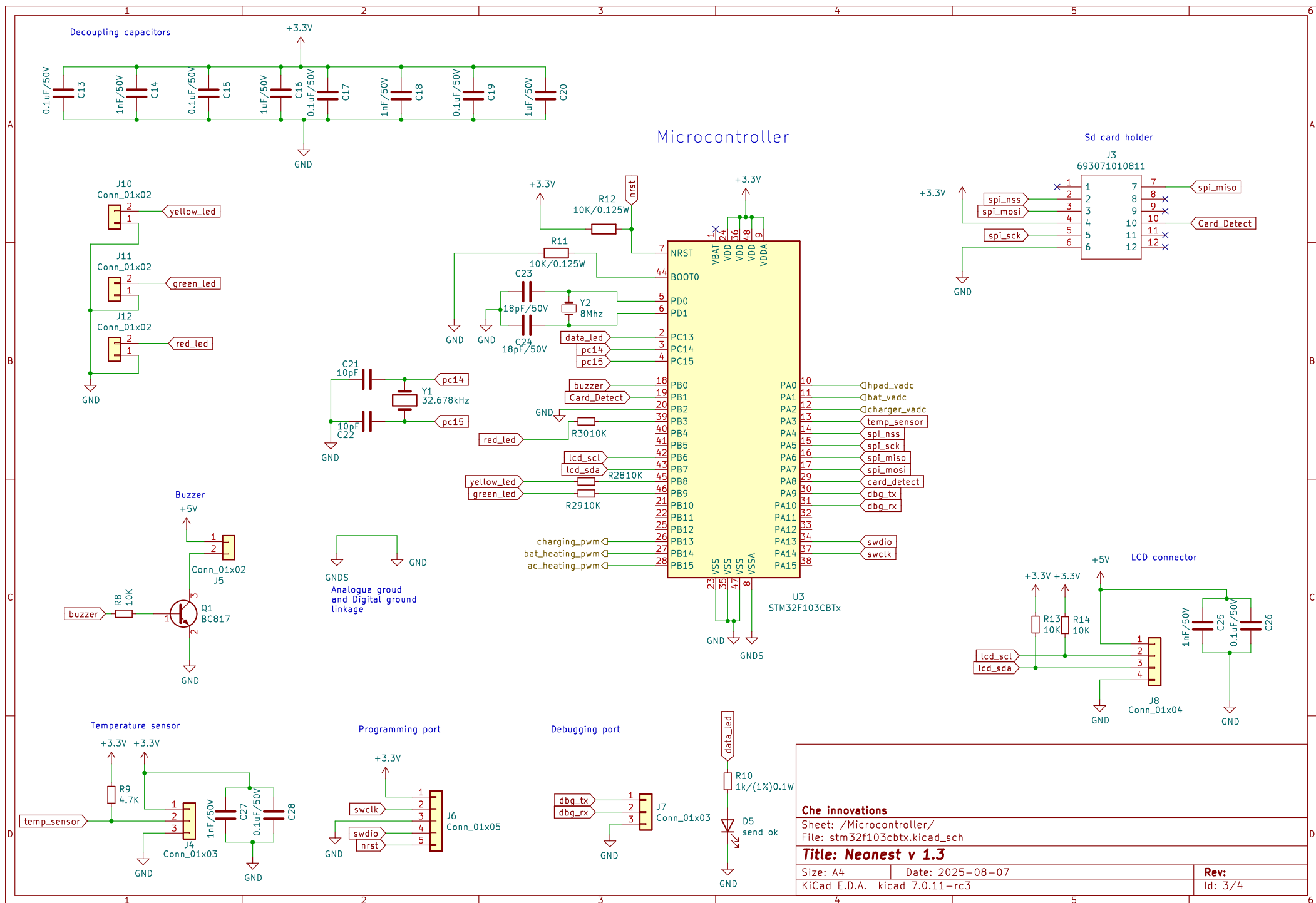
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Size: A4 Date: 2025-08-07

KiCad E.D.A. kicad 7.0.11-rc3

Rev: 1

Id: 2/4



# **Che innovations**

Sheet: /Microcontroller/  
File: stm32f103cbtx.kicad\_sch

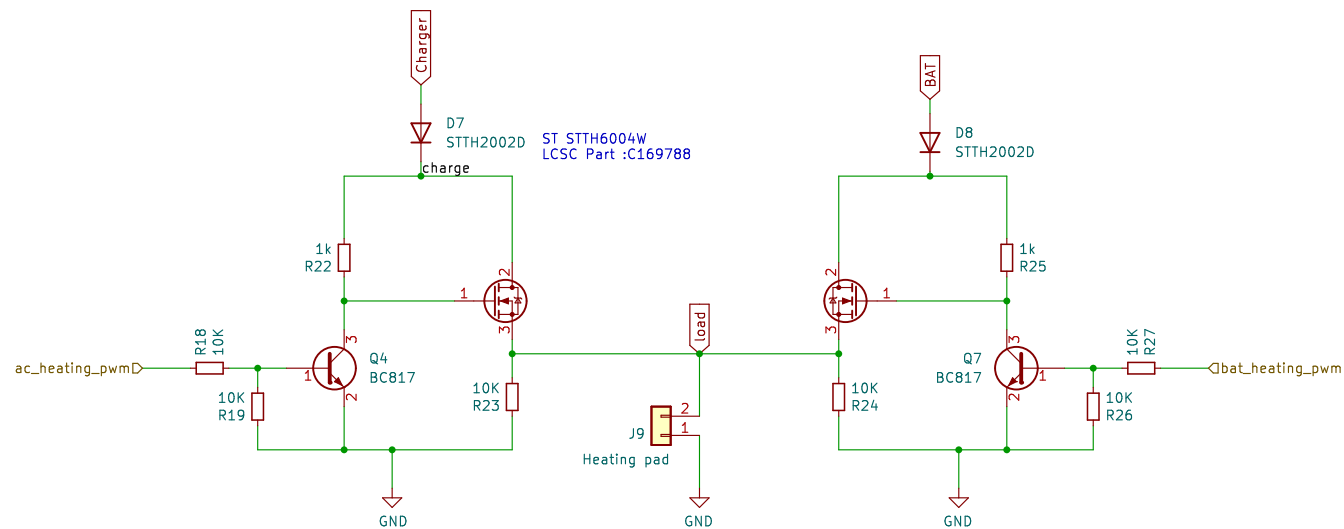
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Size: A4 Date: 2025-08-07

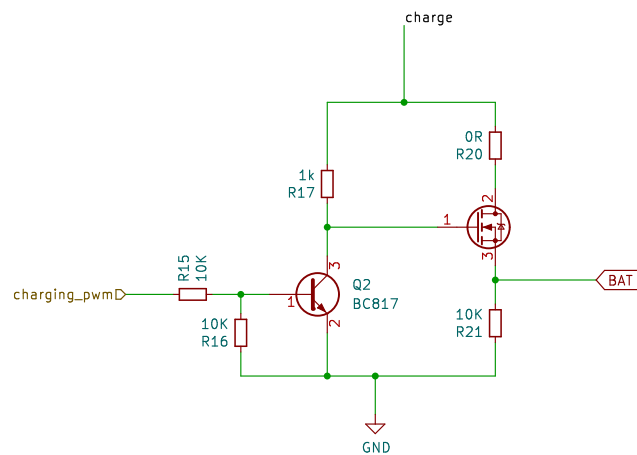
KiCad E.D.A. kicad 7.0.11-rc3

**Rev:**  
Id: 3/4

## Heating pad power sources



## Battery charging



Che innovations

Sheet: /Load/  
File: mosfet\_driver.kicad\_sch

**Title: Neonest v 1.3**

Size: A4 Date: 2025-08-07

KiCad E.D.A. kicad 7.0.11-rc3

Rev:  
Id: 4/4