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Nicolai Electronics x tilde.industries

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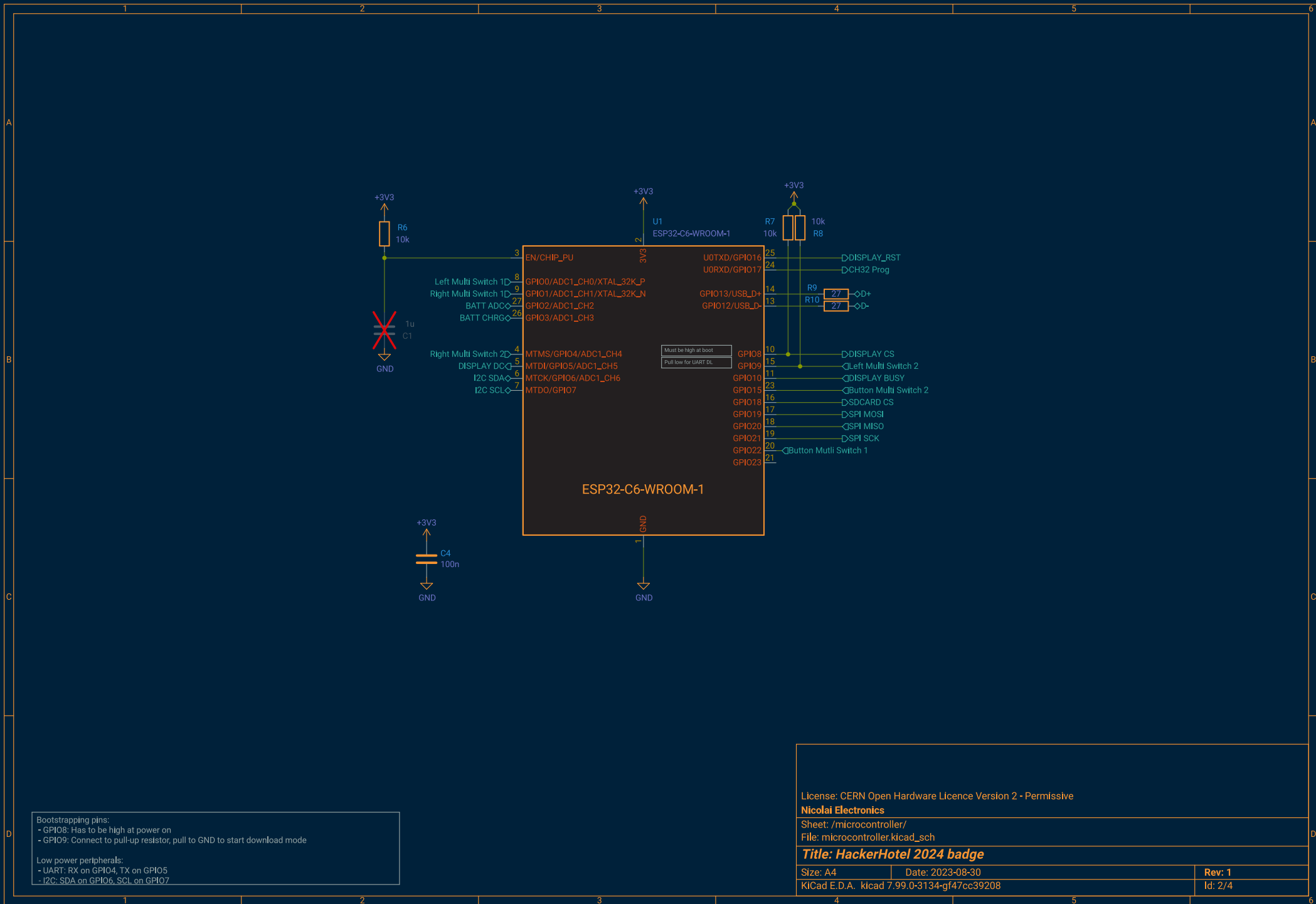
**Title: HackerHotel 2024 badge**

Size: A4 Date: 2023-10-11

KiCad E.D.A. kicad 7.99.0-3134-gf47cc39208

Rev: 1

Id: 1/4



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Sheet: /microcontroller/

File: microcontroller.kicad\_sch

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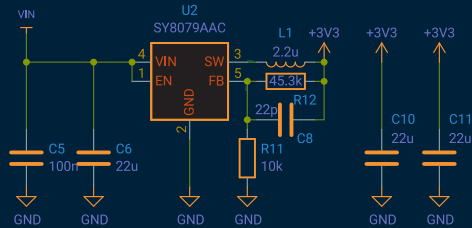
Date: 2023-08-30

Rev: 1

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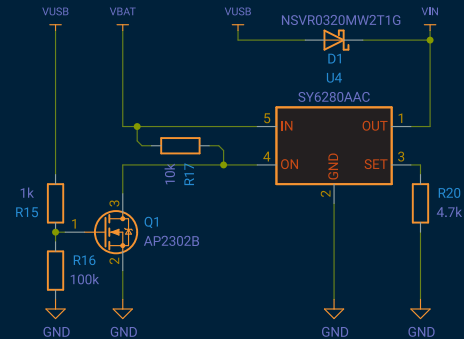
Id: 2/4

## 3.3v voltage regulator



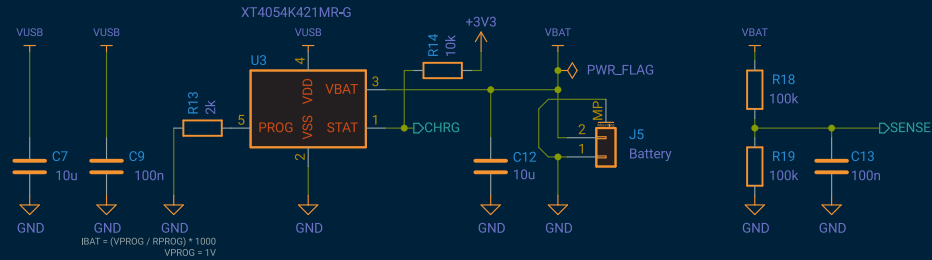
## Power switch

Iset = 1.44A ≈ 6800 / 4700



## Battery & battery charger

CHARGING is an open-drain output that gets pulled low when the charger is active (charging the battery)



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Sheet: /Power management/

File: powermanagement.kicad\_sch

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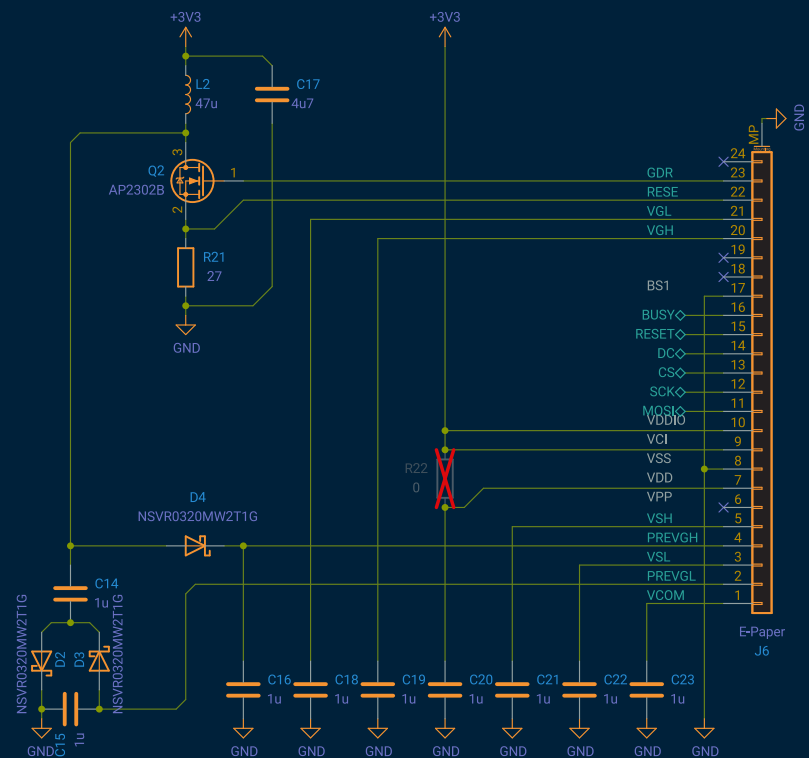
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Sheet: /E-Paper/

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