

123456

Sheet: Power

File: Power.sch

Sheet: Input

File: Input.sch

Sheet: Brain

File: Brain.sch

Sheet: Output

File: Output.sch

H1

MountingHole

H3

MountingHole

H2

MountingHole

H4

MountingHole

Sheet: /

File: IoT12.sch

Title: IoT12-hardware

Size: A4

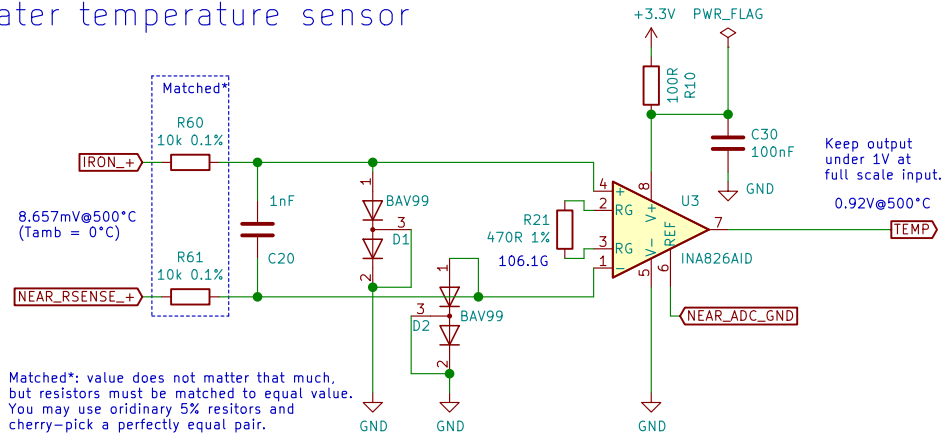
Date: 2021-02-22

KiCad E.D.A. kicad (5.1.9)-1

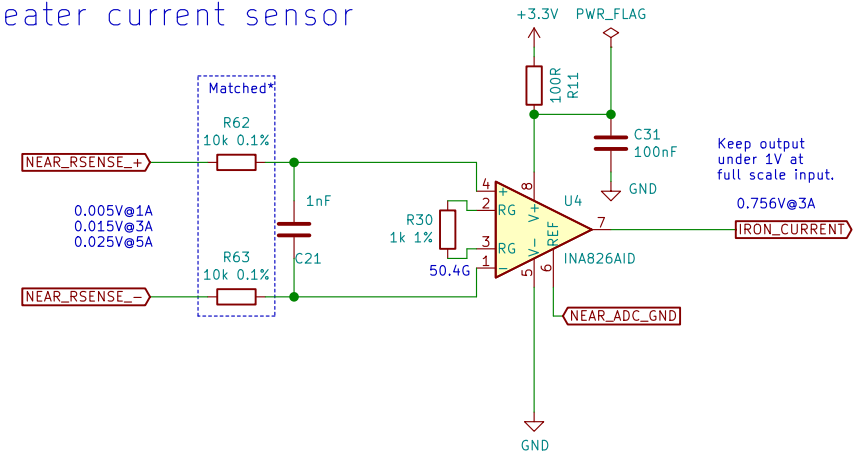
Rev: V2.0

Id: 1/5

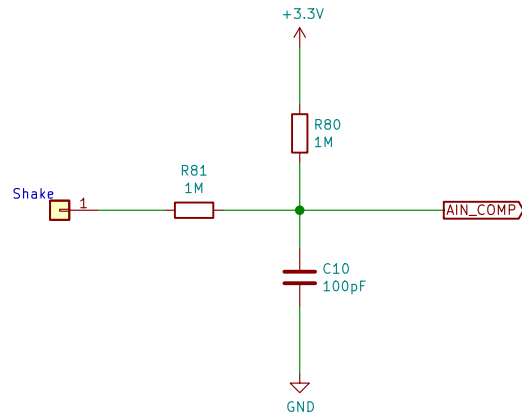
## Heater temperature sensor



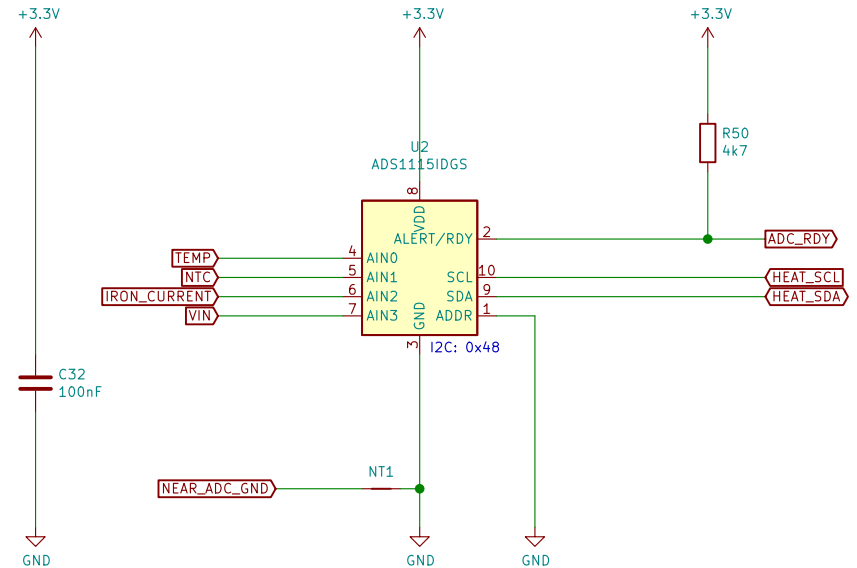
## Heater current sensor



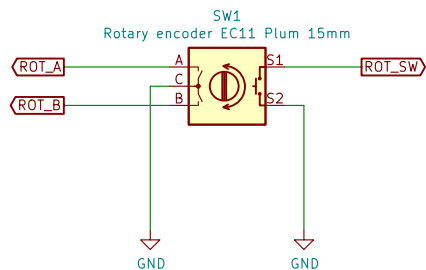
## Tilt switch sensor as shake sensor



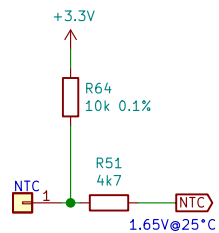
## External 16b I2C ADC



## User input



## Handle NTC



Sheet: /Input/  
File: Input.sch

**Title: IoT12-hardware input and sensors**

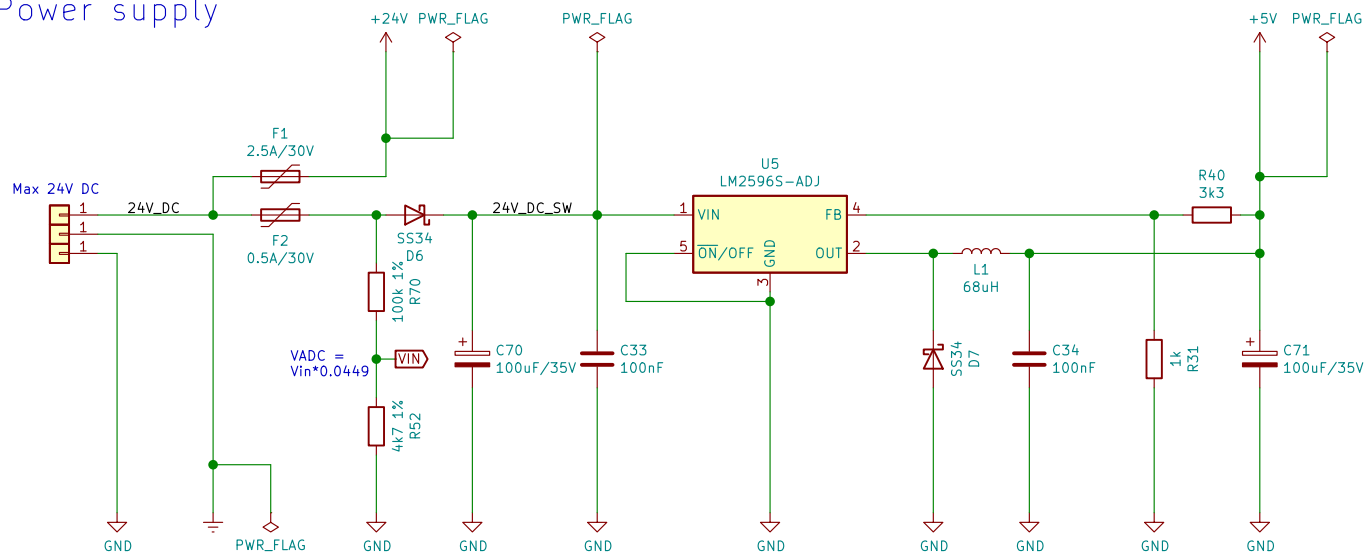
Size: A4 Date: 2021-02-22

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**Rev: V2.0**

Id: 2/5

# Power supply



Sheet: /Power/  
File: Power.sch

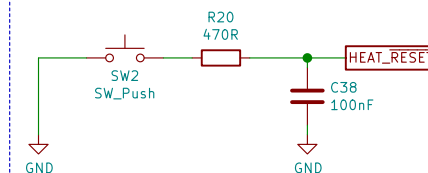
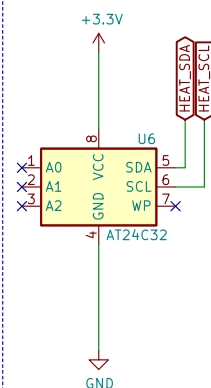
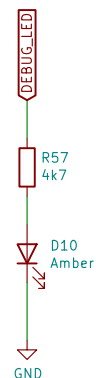
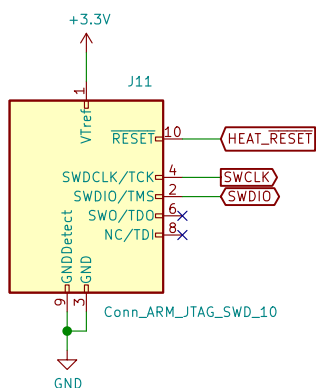
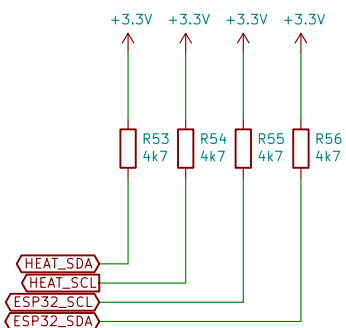
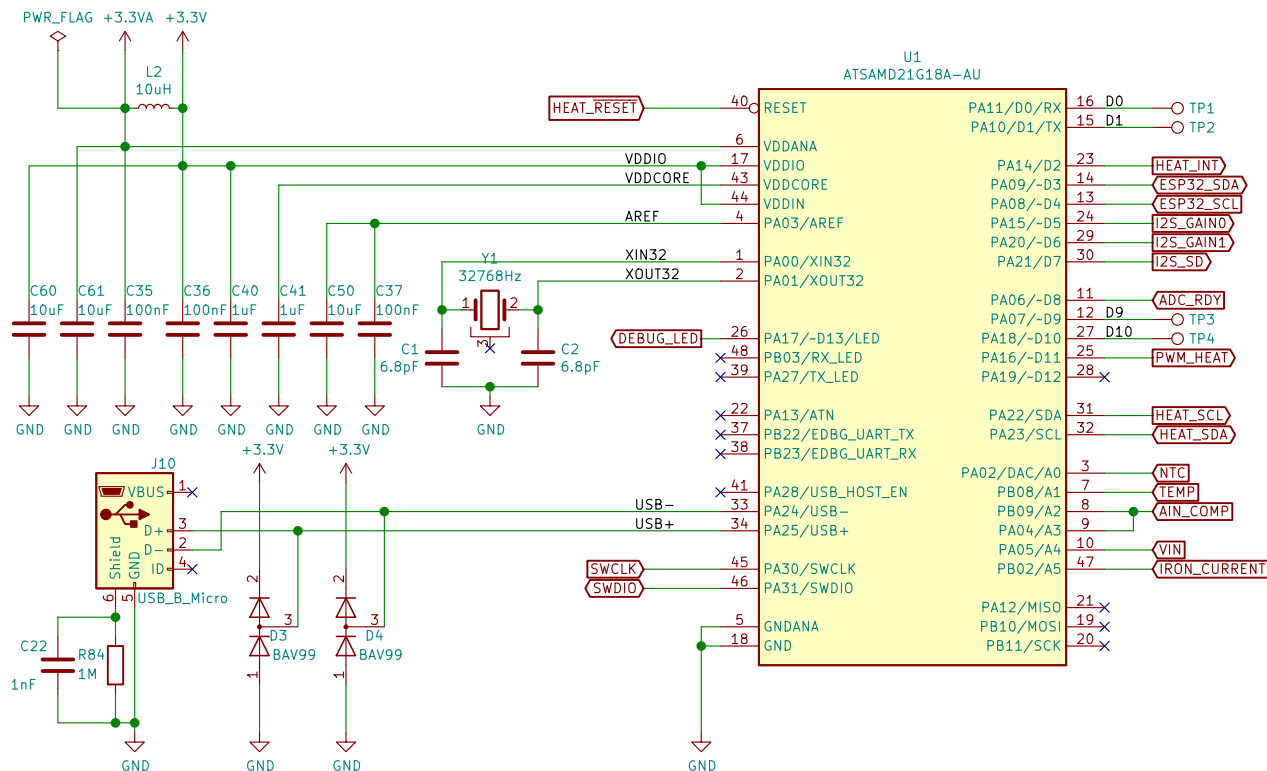
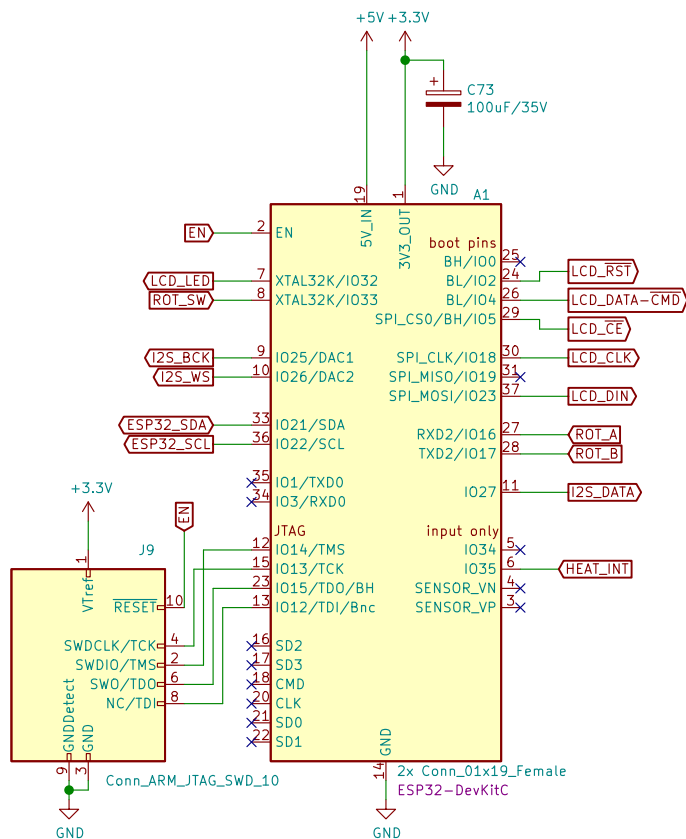
**Title: IoT12-hardware power supply**

Size: A4 Date: 2021-02-22

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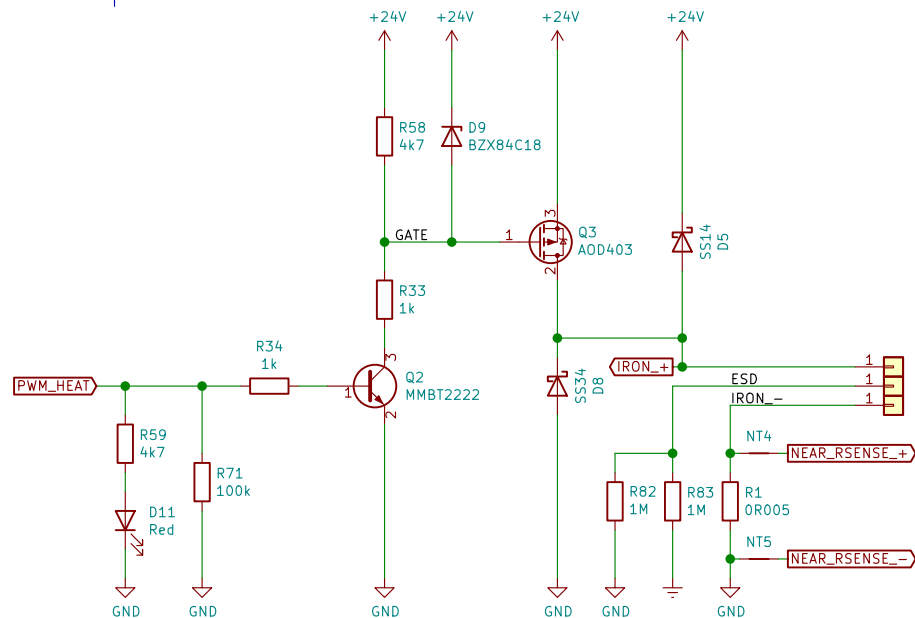
**Rev: V2.0**

Id: 3/5

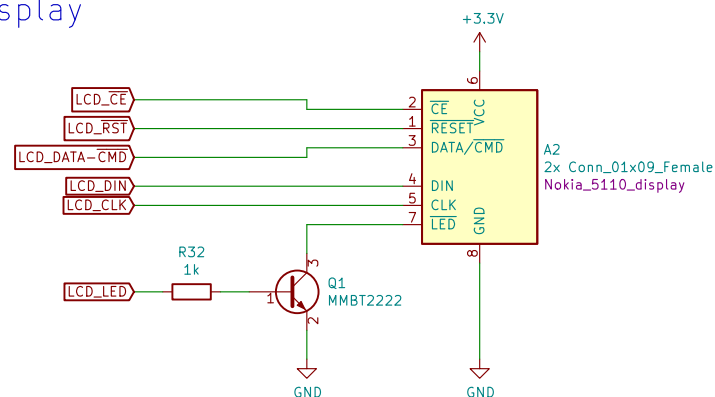


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Id: 4/5

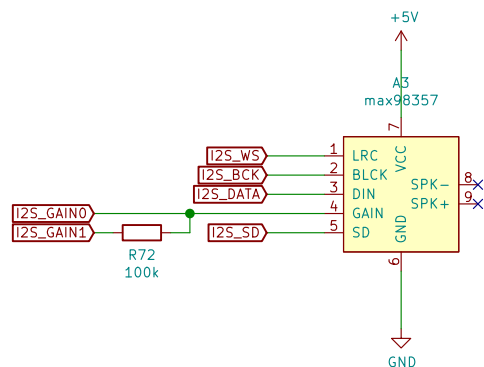
Heater power



Display



Bleep bloop module



Sheet: /Output/  
File: Output.sch

**Title: IoT12-hardware output**

Size: A4	Date: 2021-02-22
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Rev: V2.0
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