

123456

Sheet: PowerSheet: InputSheet: BrainSheet: Output

File: IoT12 Control Board.schFile: IoT12 Control Board.schFile: IoT12 Control Board.schFile: IoT12 Control Board.schFile: IoT12 Control Board Output.sch

H1MountingHole

H2MountingHole

H3MountingHole

H4MountingHole

Sheet: /

File: IoT12 Control Board.sch

Title: IoT12-hardware

Size: A4

Date: 2021-03-13

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A

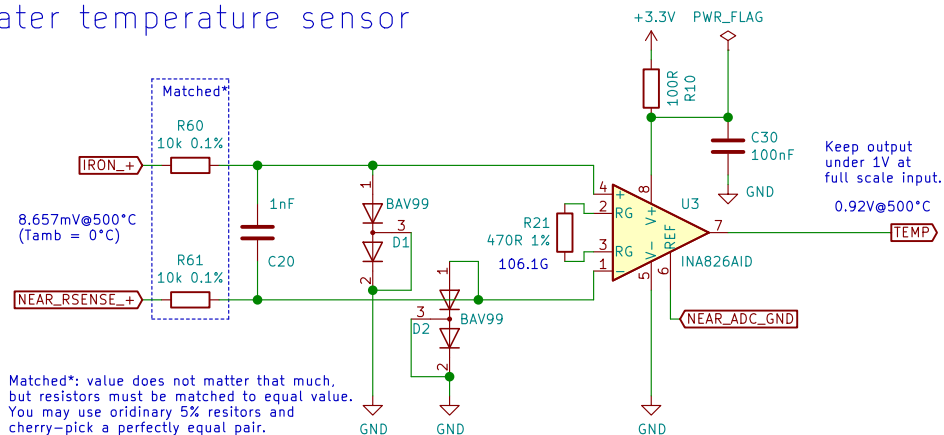
B

C

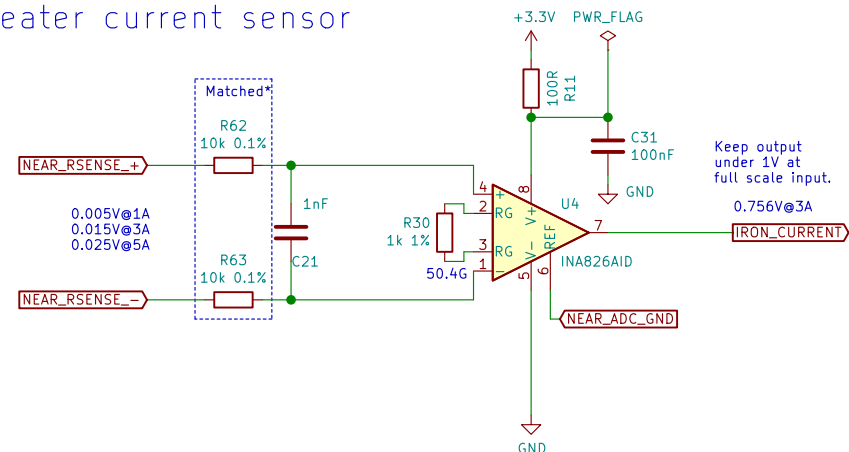
D

6

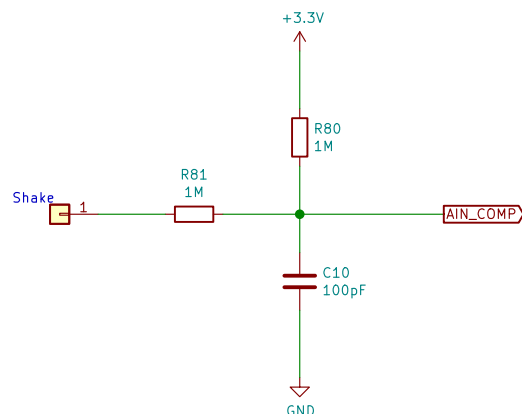
Heater temperature sensor



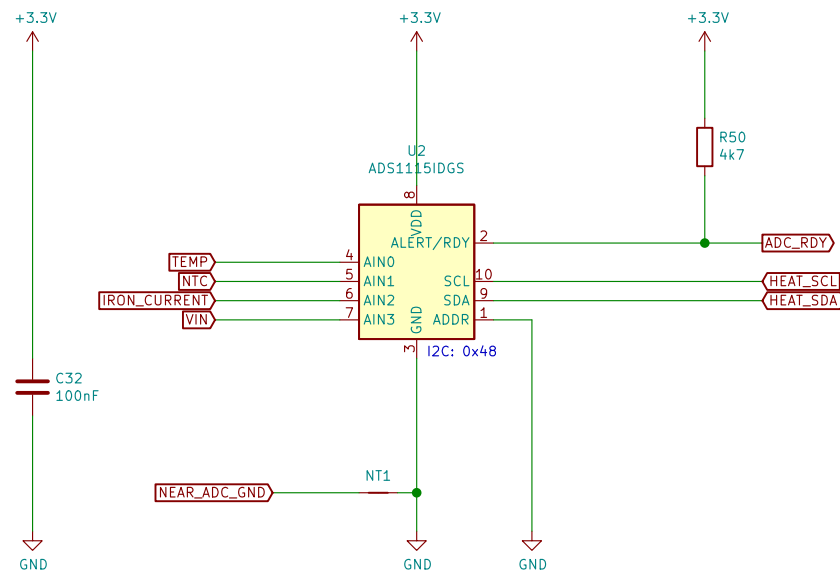
Heater current sensor



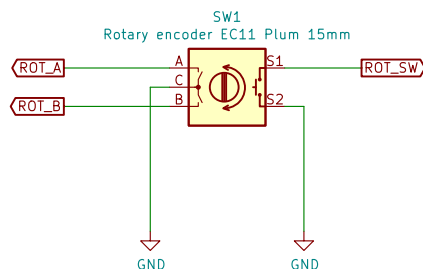
Tilt switch sensor as shake sensor



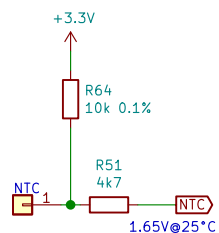
External 16b I2C ADC



User input



Handle NTC



Sheet: /Input/
File: IoT12 Control Board Input.sch

Title: IoT12-hardware input and sensors

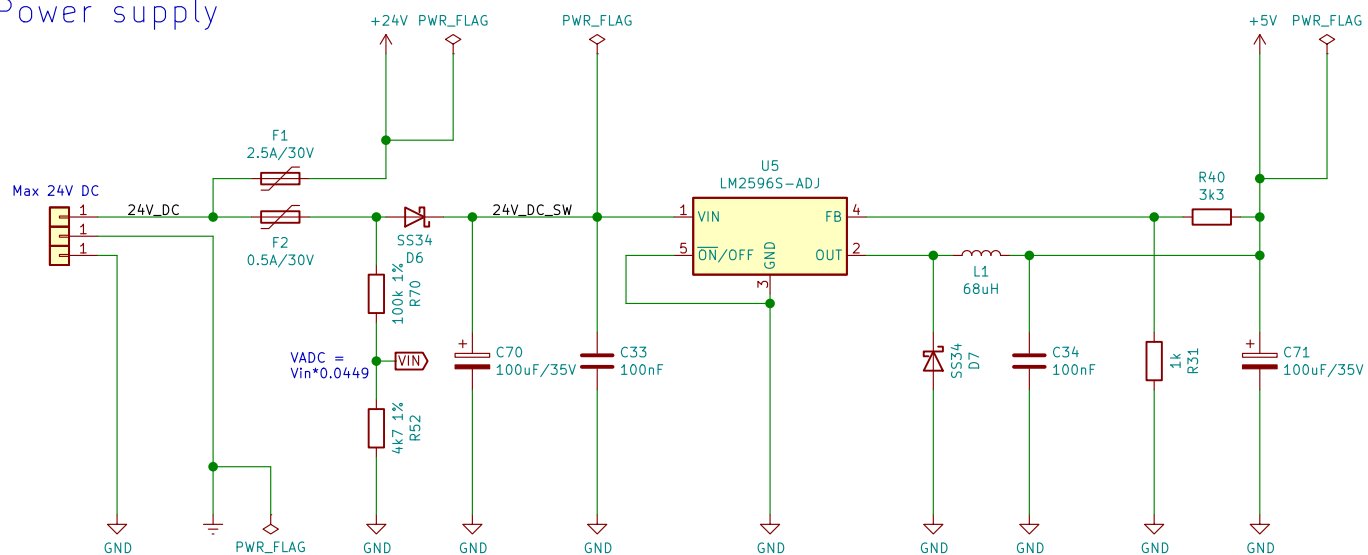
Size: A4 Date: 2021-03-13

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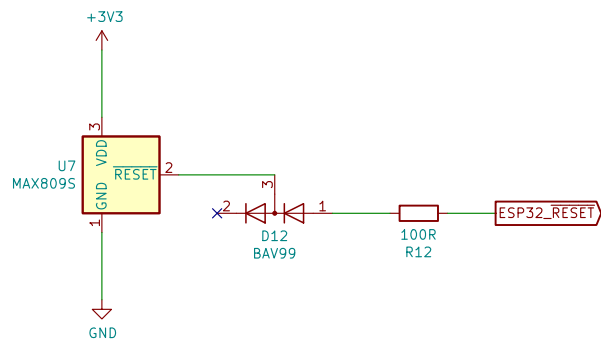
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Power supply



Voltage monitor



Sheet: /Power/
File: IoT12 Control Board Power.sch

Title: IoT12-hardware power supply

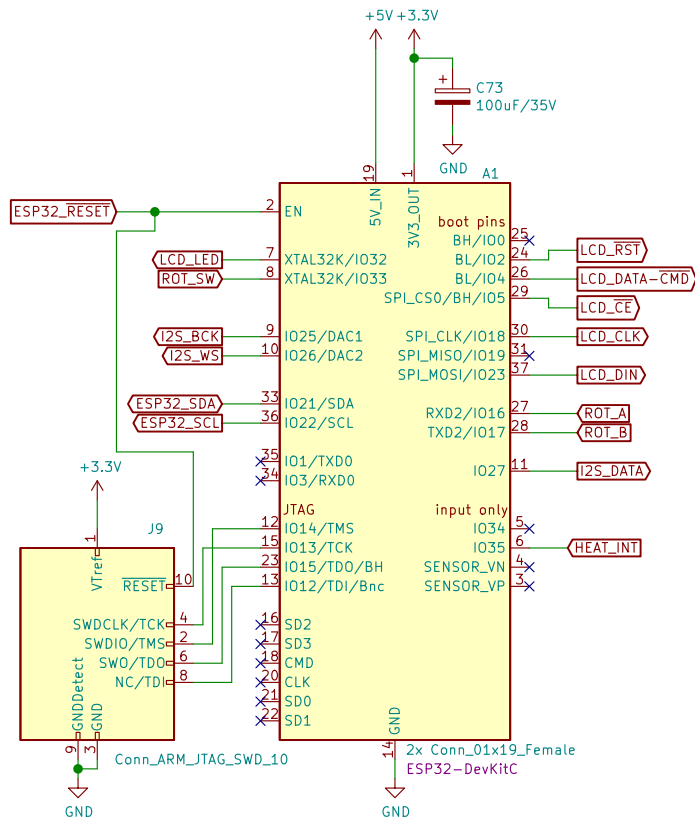
Size: A4 Date: 2021-03-13

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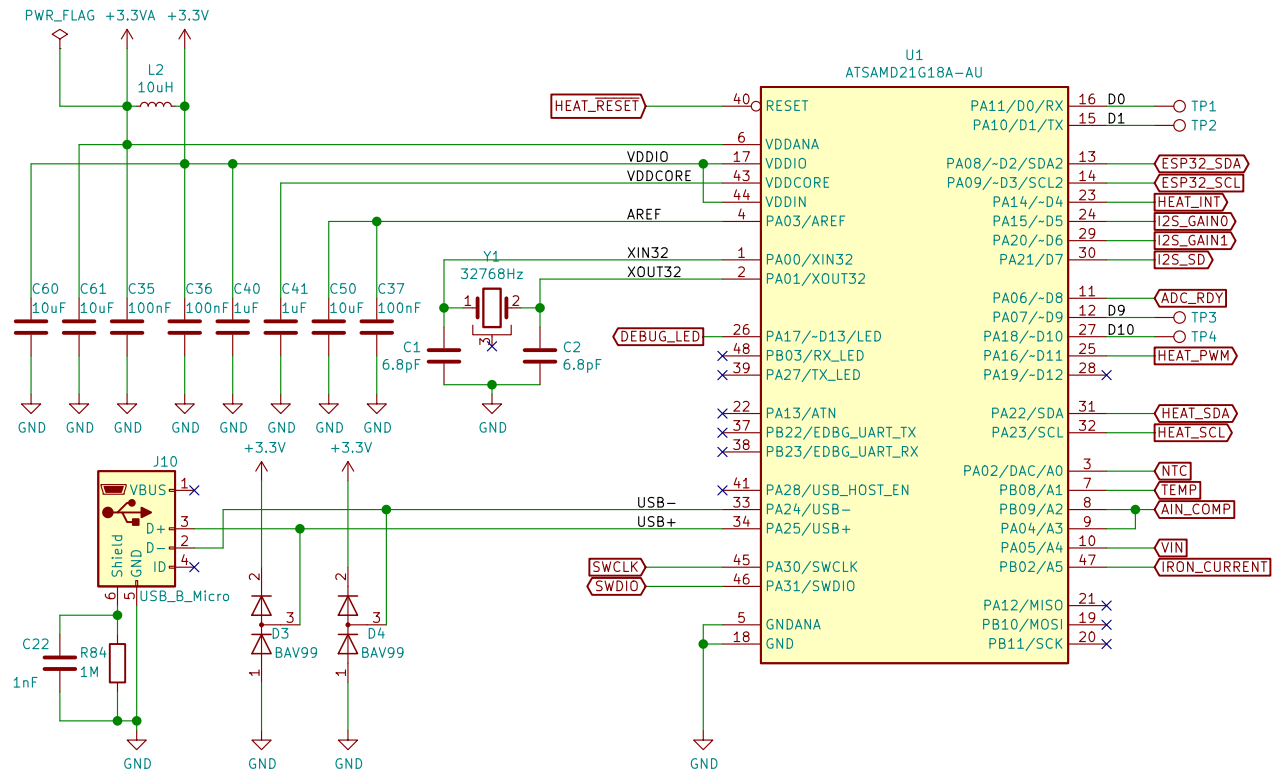
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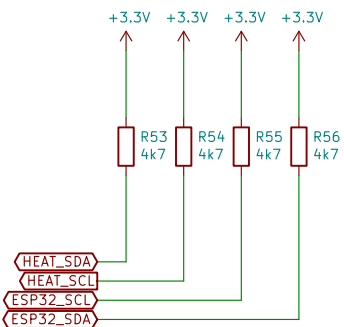
ESP32 wireless module



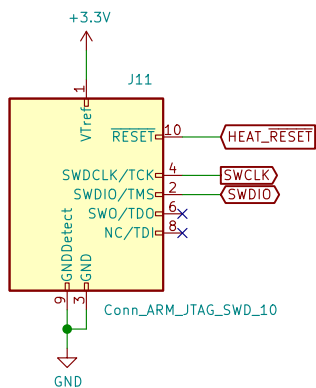
Heat controller



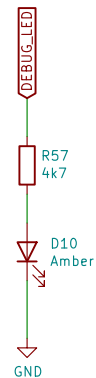
The pull is strong



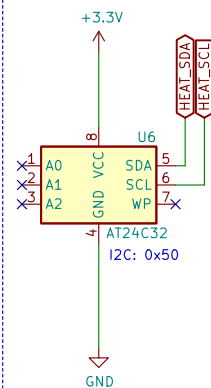
Heat controller SWD



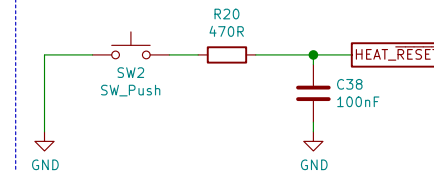
Debug LED



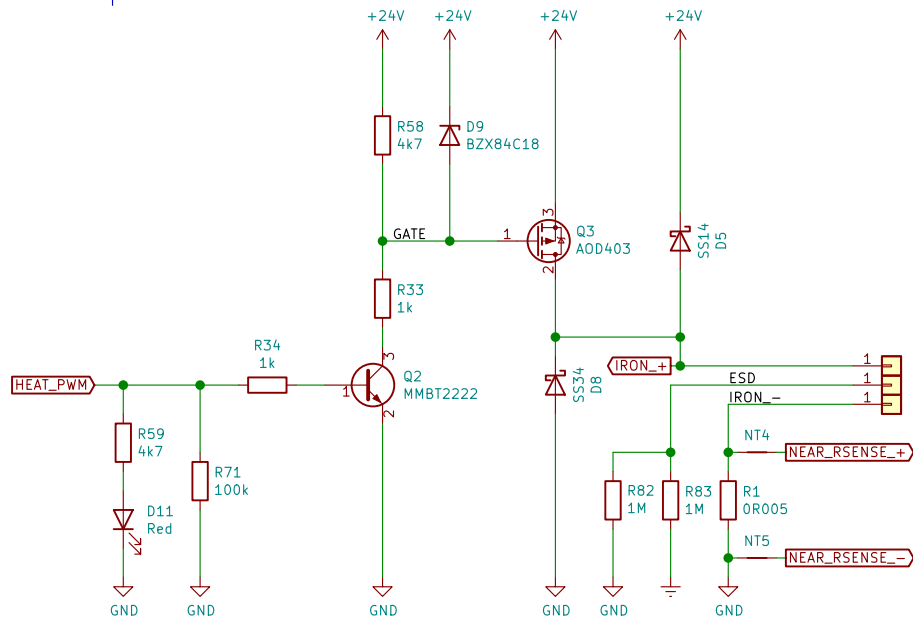
EEPROM



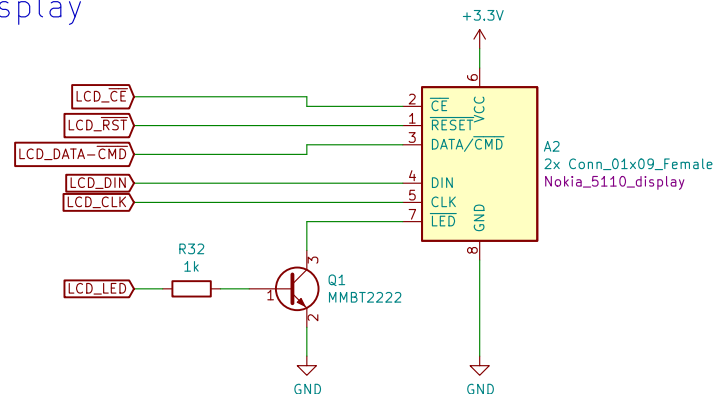
Heat controller reset



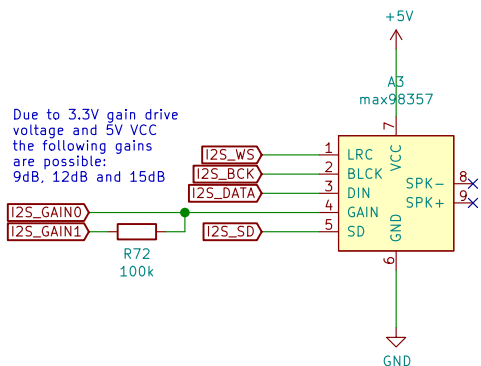
Heater power



Display



Bleep bloop module



Sheet: /Output/
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