File: connector.kicad_sch

File: mcu.kicad_sch

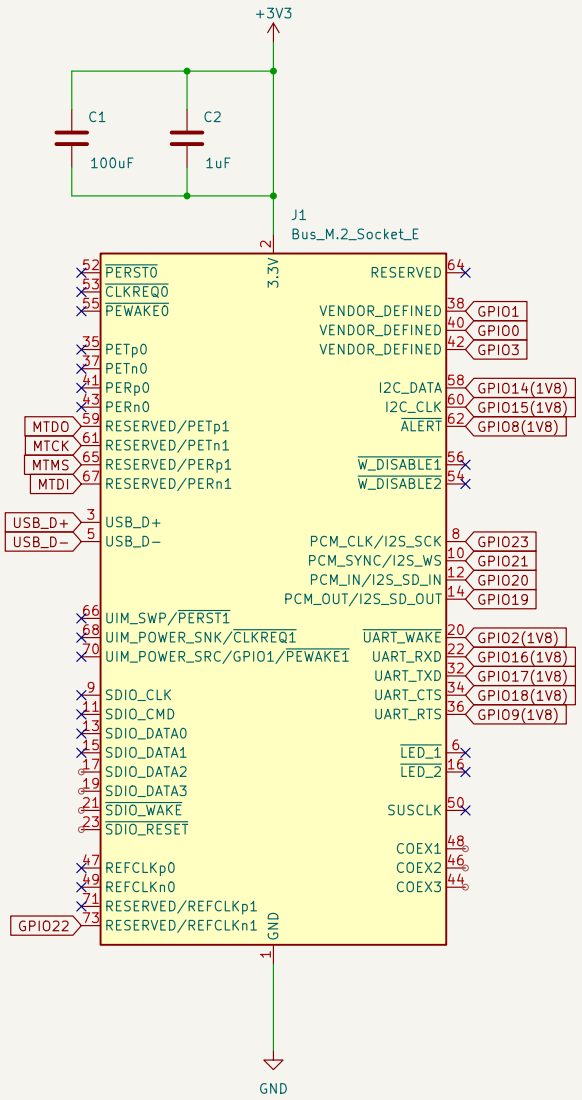
Approved By:
Designed By: Rodney Osodo
Abstract Machines

Sheet: /
File: am-iot-gateway.kicad_sch

Title: IoT Gateway

Size: A4	Date: 2024-10-15	**Rev: v0.1.0**
KiCad E.D.A. 8.0.6		Id: 1/3

M.2 E Key



Resistors

100
- +/- 1%
- 0.1W
- ERJ-3EKF1000V

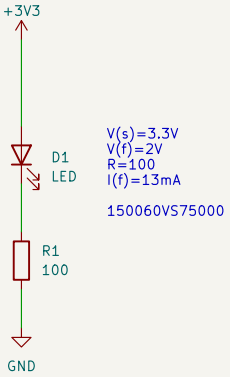
10k
- +/- 1%
- 0.1W
- RC0603FR-0710KL

Capacitors

0.1uF
- +/- 5%
- 50V
- 0603B104J500XD

1uF
- +/- 10%
- 10V
- 0603B105K100XD

100uF
- +/- 10%
- 6.3V
- GMC31X5R107K6R3NT



From beaglev-fire board M2 is connected to:
- UART
- HSIO
- PCIe
- I2C

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Sheet: /M2 Connector/
File: connector.kicad_sch

Title: IoT Gateway

Size: A4	Date: 2024-10-15	**Rev: v0.1.0**
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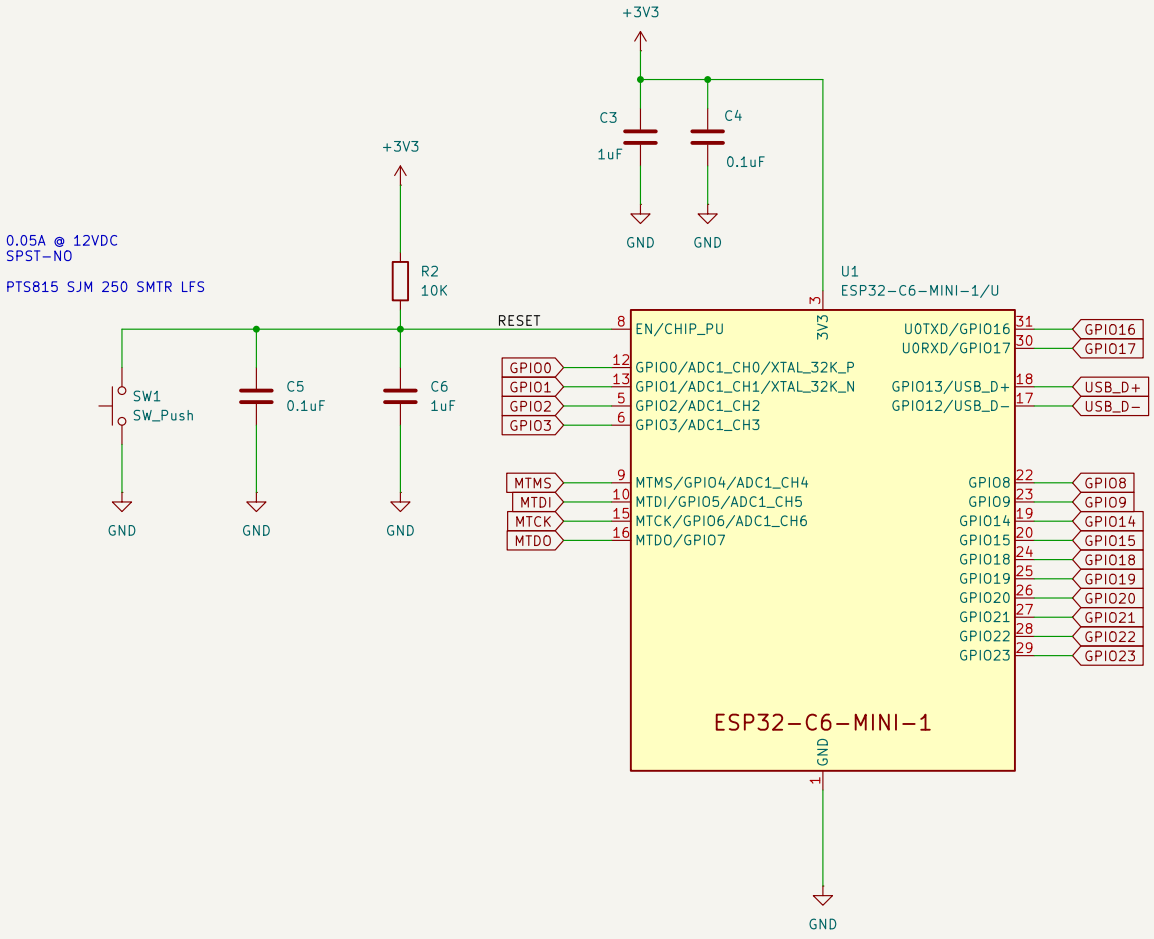
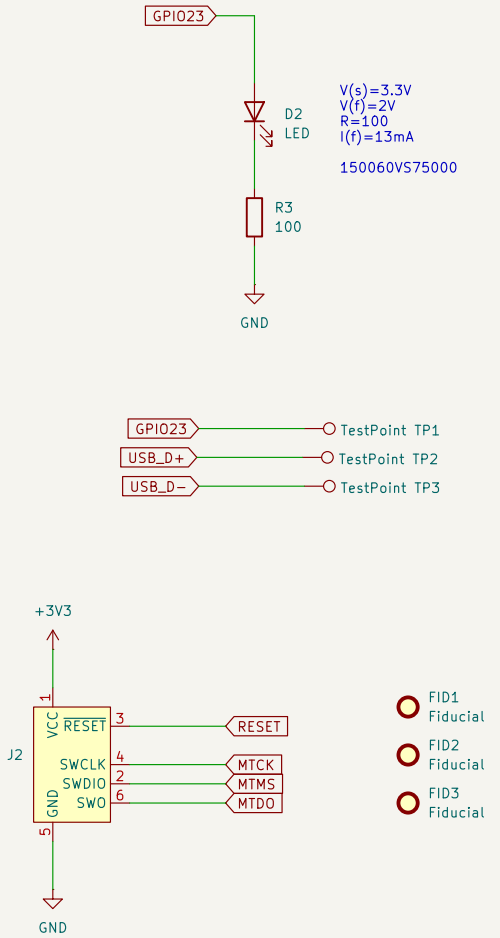
MCU-ESP32-C6-MINI



DEBUG



Approved By:
Designed By: Rodney Osodo
Abstract Machines

Sheet: /mcu/
File: mcu.kicad_sch

Title: IoT Gateway

Size: A4	Date: 2024-10-15	**Rev: v0.1.0**
KiCad E.D.A. 8.0.6		Id: 3/3