M2 Connector

File: connector.kicad_sch

mcu

File: mcu.kicad_sch

Approved By:

Designed By: Rodney Osodo

Abstract Machines

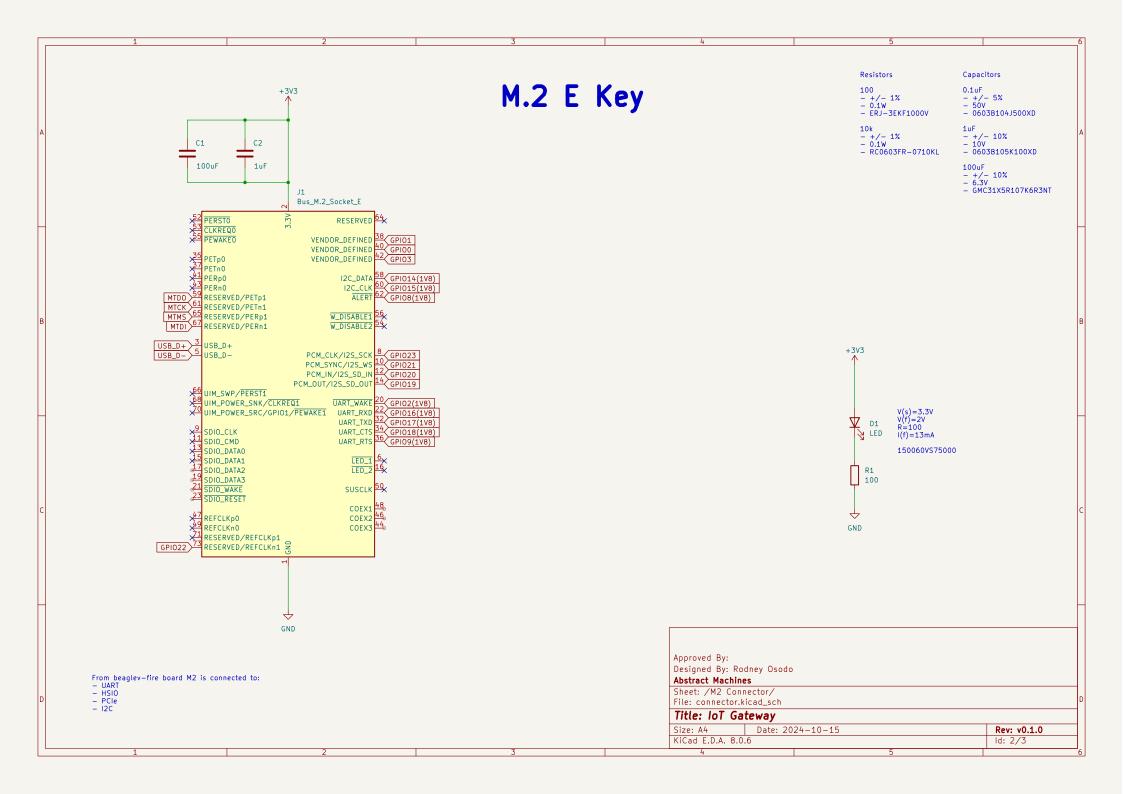
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File: am-iot-gateway.kicad_sch

Title: IoT Gateway

 Size: A4
 Date: 2024-10-15
 Rev: v0.1.0

 KiCad E.D.A. 8.0.6
 Id: 1/3



DEBUG MCU-ESP32-C6-MINI GPI023 +3V3 V(s)=3.3V V(f)=2V R=100**▼** D2 ₹ LED I(f)=13mA150060VS75000 C4 С3 R3 100 +3V3 0.1uF 0.05A @ 12VDC SPST-NO GND GND GND PTS815 SJM 250 SMTR LFS 10K ESP32-C6-MINI-1/U RESET EN/CHIP_PU UOTXD/GPI016 UORXD/GPI017 GPI017 GPI00 GPIOO/ADC1_CHO/XTAL_32K_P GPI023 TestPoint TP1 GPI01 C6 GPIO1/ADC1_CH1/XTAL_32K_N GPI013/USB_D+ USB_D+ USB_D-SW1 USB_D+ TestPoint TP2 - 0.1uF 1uF GPI02 GPI02/ADC1_CH2 GPI012/USB_D-SW_Push GPI03 GPI03/ADC1_CH3 USB_D-O TestPoint TP3 GPI08 GPI09 GPI014 GPI015 GPI018 MTMS MTMS/GPIO4/ADC1_CH4 GPI09 MTDI/GPI05/ADC1_CH5 MTCK MTDO MTCK/GPIO6/ADC1_CH6 GPI014 GND GND GND MTDO/GPI07 GPI015 +3V3 GPI018 GPI019 GPI020 GPI021 GPI022 GPI019 GPI020 GPI021 O FID1 Fiducial GPI022 GPI023 GPI023 ₽ RESET RESET O FID2 Fiducial J2 SMDIO P SWCLK мтск ESP32-C6-MINI-1 MTMS O FID3 Fiducial MTDO GND GND 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