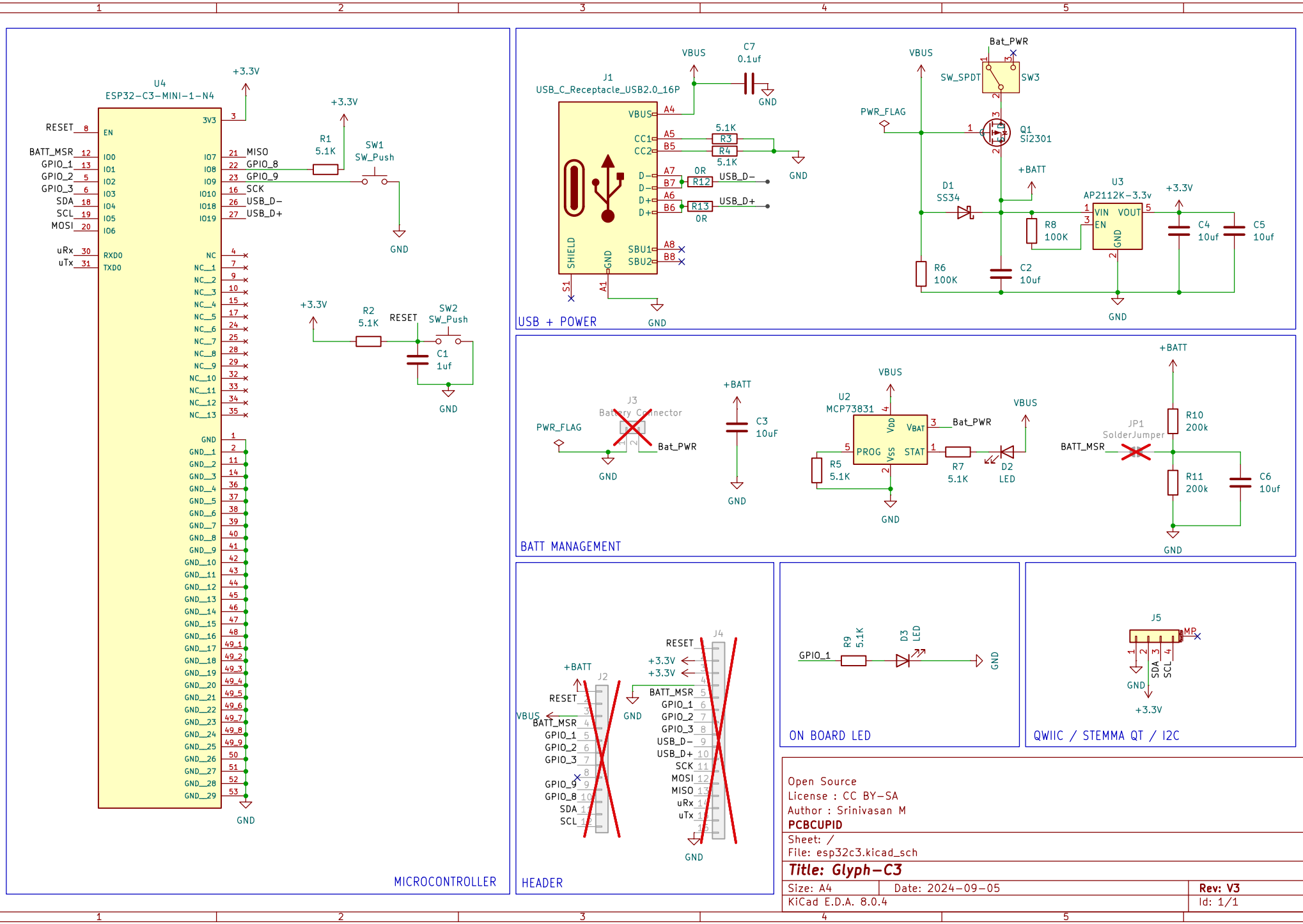
U4
ESP32-C3-MINI-1-N4
+3.3V
RESET
EN
BATT_MSR
GPIO_1
GPIO_2
GPIO_3
SDA
SCL
MOSI
uRx
uTx
IO0
IO1
IO2
IO3
IO4
IO5
IO6
RXD0
TXD0
3V3
IO7
IO8
IO9
IO10
IO18
IO19
MISO
GPIO_8
GPIO_9
SCK
USB_D-
USB_D+
NC
GND
R1
5.1K
SW1
SW_Push
R2
5.1K
RESET
SW2
SW_Push
C1
1uf
MICROCONTROLLER
J1
USB_C_Receptacle_USB2.0_16P
VBUS
C7
0.1uf
CC1
CC2
D-
D+
SHIELD
SBU1
SBU2
R3
R4
5.1K
R12
R13
0R
USB_D-
USB_D+
S1
A1
USB + POWER
Bat_PWR
SW_SPDT
SW3
PWR_FLAG
Q1
Si2301
D1
SS34
+BATT
U3
AP2112K-3.3v
VIN
VOUT
EN
R8
100K
R6
100K
C2
10uf
C4
10uf
C5
10uf
J3
Battery Connector
C3
10uF
U2
MCP73831
VDD
VBAT
PROG
VSS
STAT
R5
5.1K
R7
5.1K
D2
LED
JP1
SolderJumper
R10
200k
R11
200k
C6
10uf
BATT MANAGEMENT
J2
J4
HEADER
R9
5.1K
D3
LED
ON BOARD LED
J5
QWIIC / STEMMA QT / I2C
Open Source
License : CC BY-SA
Author : Srinivasan M
PCBCUPID
Sheet: /
File: esp32c3.kicad_sch
Title: Glyph-C3
Size: A4
Date: 2024-09-05
Rev: V3
KiCad E.D.A. 8.0.4
Id: 1/1