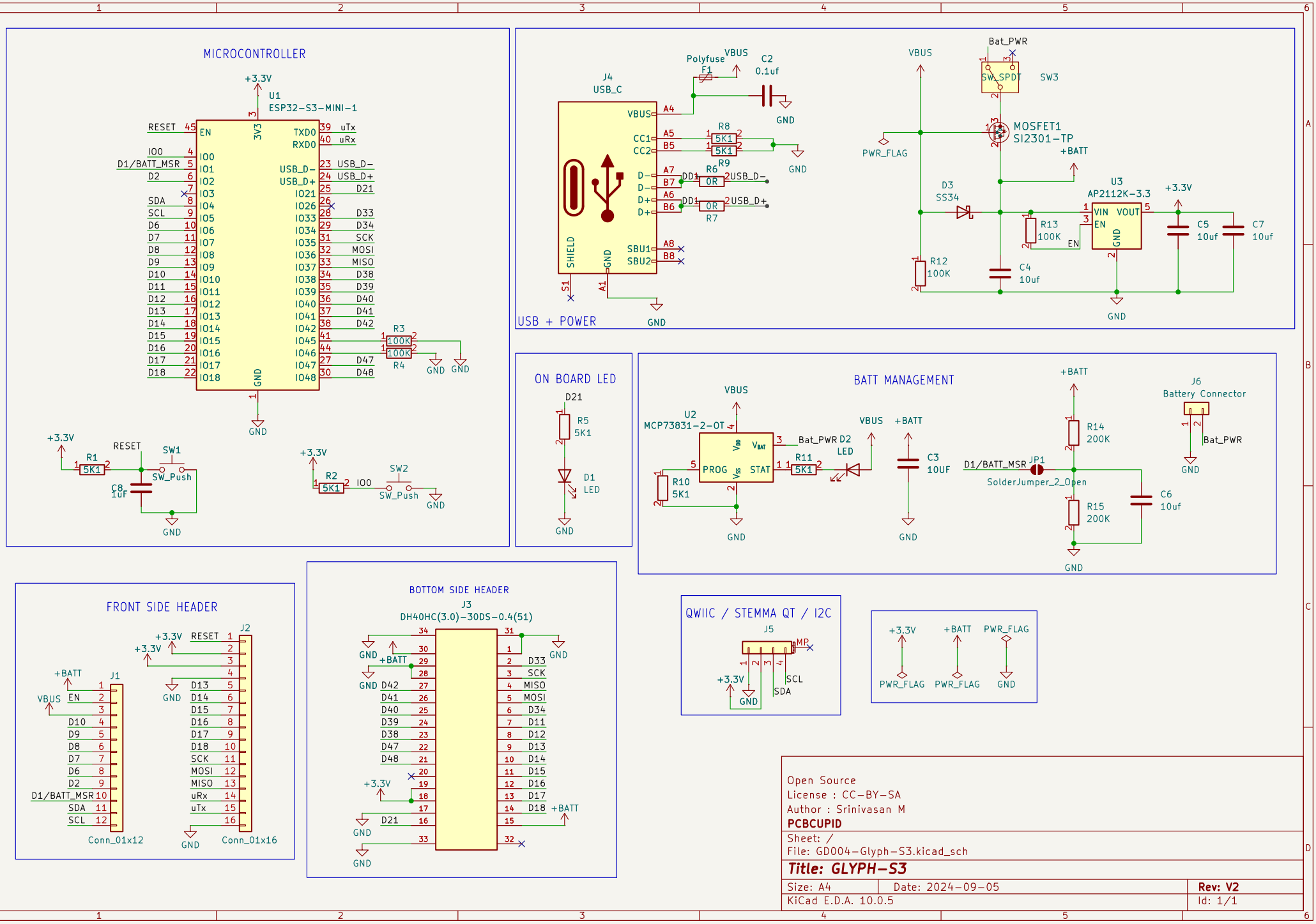

MICROCONTROLLER
U1
ESP32-S3-MINI-1
+3.3V
GND
RESET
SW1
SW_Push
R1
5K1
C8
1uF
SW2
R2
R3
100K
R4
USB + POWER
J4
USB_C
Polyfuse
F1
C2
0.1uf
R8
R9
R6
R7
0R
USB_D-
USB_D+
SHIELD
S1
A1
Bat_PWR
SW_SPDT
SW3
MOSFET1
SI2301-TP
PWR_FLAG
+BATT
D3
SS34
U3
AP2112K-3.3
VIN
VOUT
EN
R13
100K
R12
100K
C4
10uf
C5
10uf
C7
10uf
ON BOARD LED
D21
R5
5K1
D1
LED
BATT MANAGEMENT
U2
MCP73831-2-OT
PROG
STAT
R10
5K1
R11
5K1
D2
LED
C3
10UF
J6
Battery Connector
JP1
D1/BATT_MSR
SolderJumper_2_Open
R14
200K
R15
200K
C6
10uf
FRONT SIDE HEADER
J1
J2
Conn_01x12
Conn_01x16
BOTTOM SIDE HEADER
J3
DH40HC(3.0)-30DS-0.4(51)
QWIIC / STEMMA QT / I2C
J5
SCL
SDA
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Author : Srinivasan M
PCBCUPID
Sheet: /
File: GD004-Glyph-S3.kicad_sch
Title: GLYPH-S3
Size: A4
Date: 2024-09-05
Rev: V2
KiCad E.D.A. 10.0.5
Id: 1/1