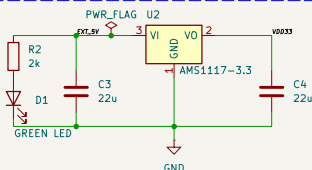
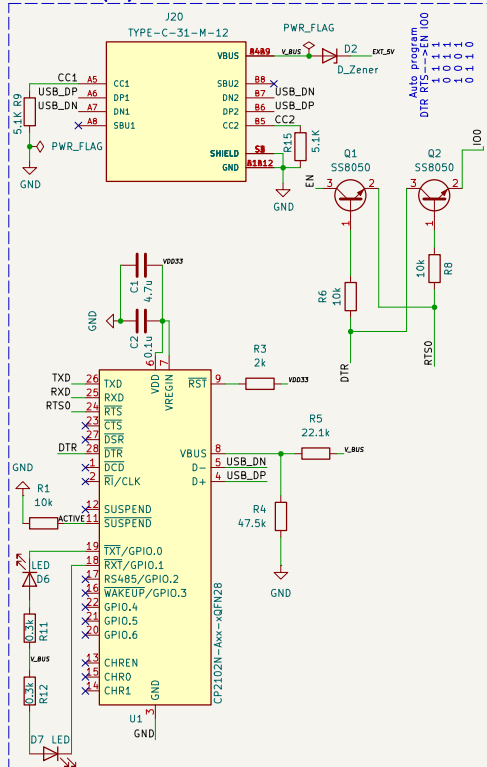


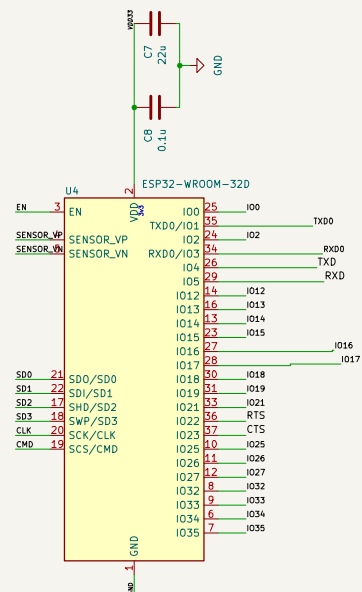
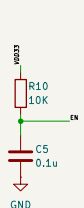
POWER SUPPLY



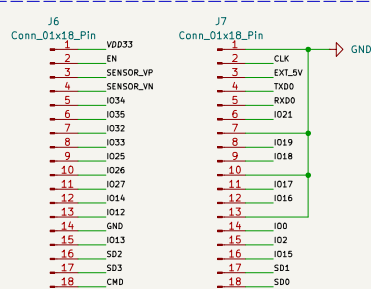
MICRO USB(5V) & USB UART



ESP32 MODULE AND STM 32



CONNECTOR



SWITCH BUTTON



OMKAR NANAJKAR

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Size: A4

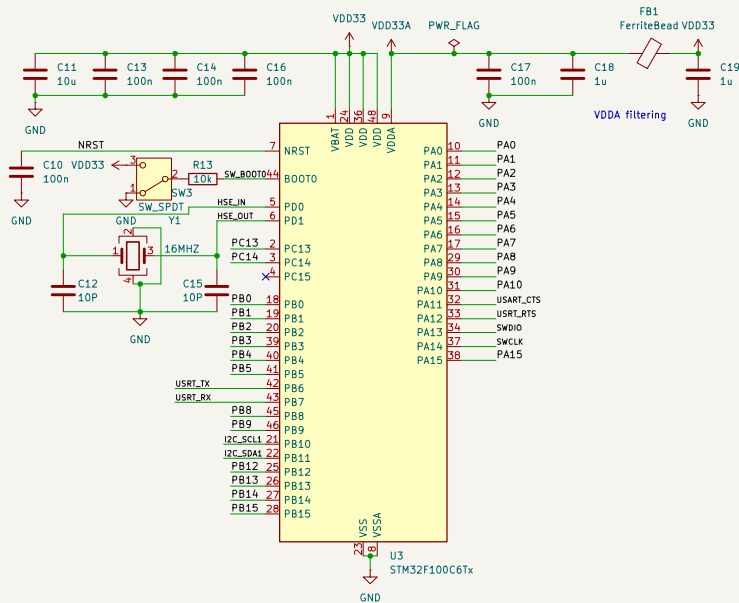
Date: 2025-07-25

Rev: 1

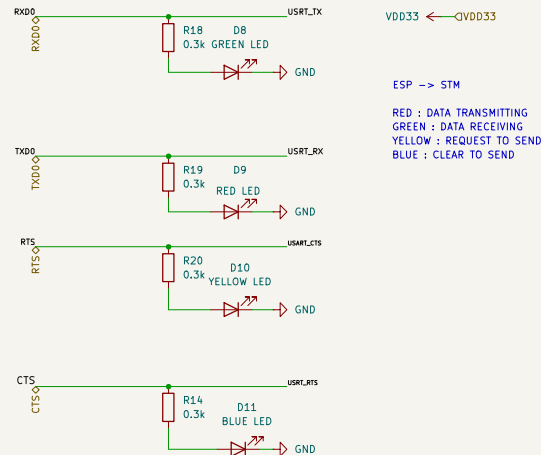
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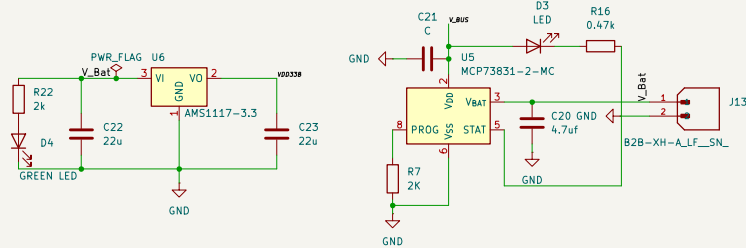
MICROCONTROLLER STM32



UART CONNECTIONS



BATTERY MANAGEMENT MCP73831



CONNECTOR

J4 Conn_01x15_Pin	J5 Conn_01x15_Pin
1 PA0	1 PB0
2 PA1	2 PB1
3 PA2	3 PB2
4 PA3	4 PB3
5 PA4	5 PB4
6 PA5	6 PB5
7 PA6	7 PB6
8 PA7	8 PB7
9 PA8	9 I2C_SCL1
10 PA9	10 I2C_SDA1
11 PA10	11 PB12
12 SWDIO	12 PB13
13 SWCLK	13 PB14
14 PA15	14 PB15
15 PC13	15 PC14

OMKAR NANAJKAR

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Size: A4 Date: 2025-07-25

KiCad E.D.A. 9.0.2

Rev: 1
Id: 2/2