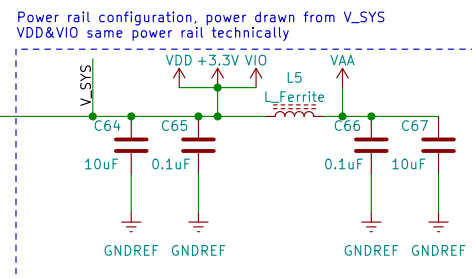
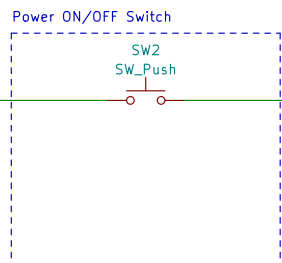
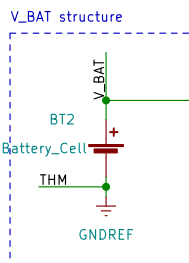
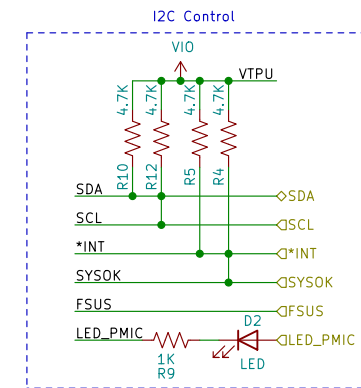
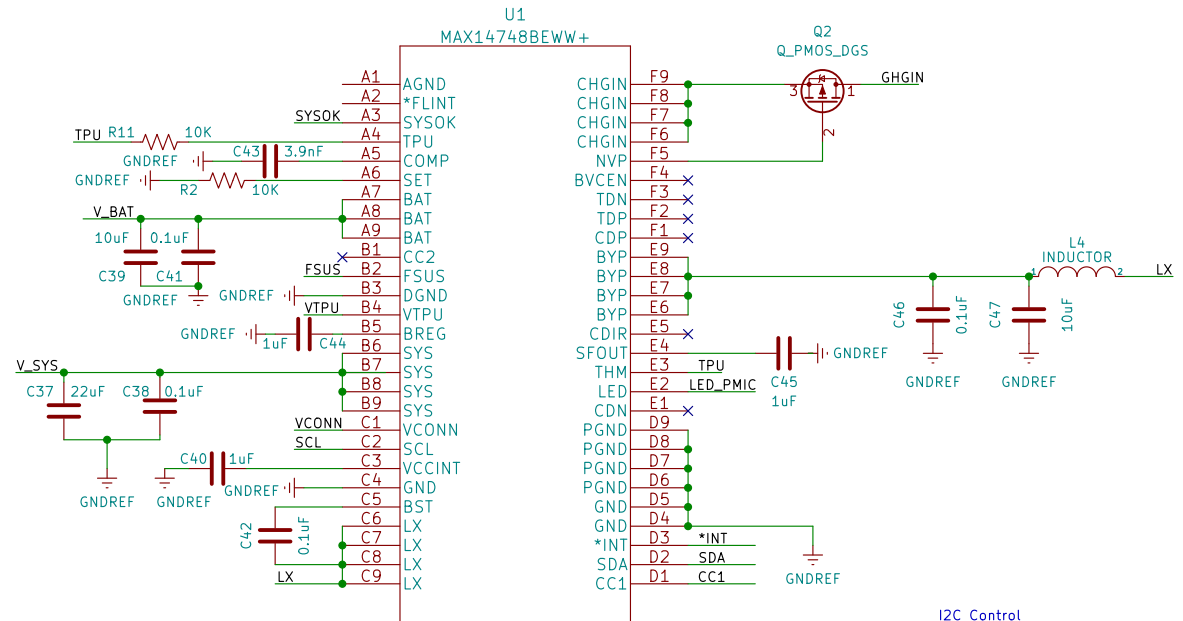
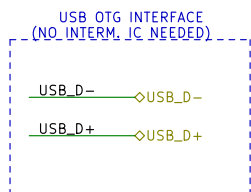
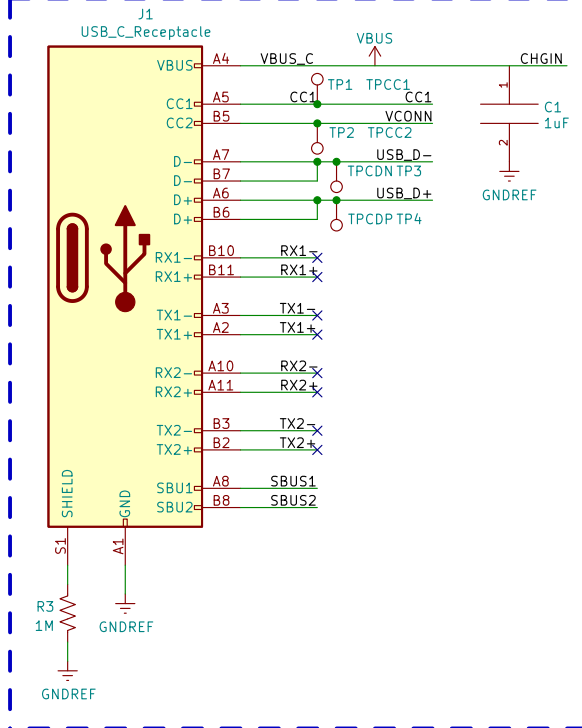




# POWER OVER USB C CONNECTOR



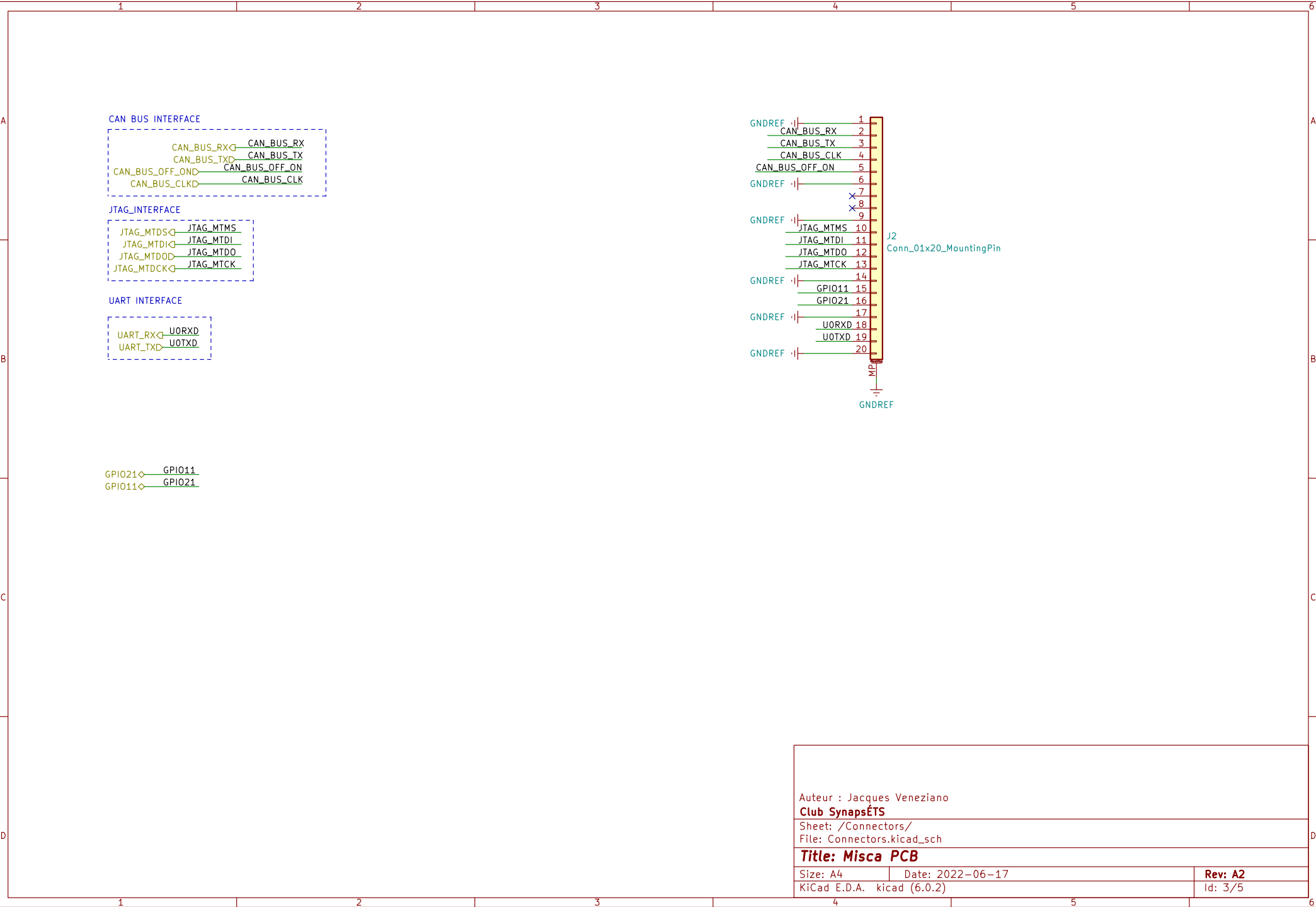
Auteur : Jacques Veneziano  
Club SynapsÉTS

Sheet: /Power Supply/  
File: Power\_Supply.kicad\_sch

Title: Misca PCB

Size: A4 Date: 2022-06-17  
KiCad E.D.A. kicad (6.0.2)

Rev: A2  
Id: 2/5



Auteur : Jacques Veneziano  
**Club SynapsÉTS**

Sheet: /Connectors/  
File: Connectors.kicad\_sch

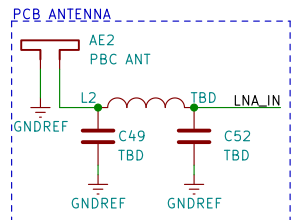
**Title: Misca PCB**

Size: A4 Date: 2022-06-17

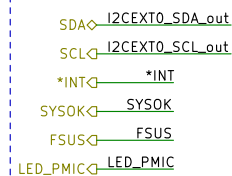
KiCad E.D.A. kicad (6.0.2)

Rev: A2

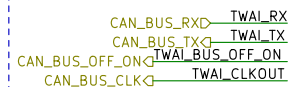
Id: 3/5



#### I2C interface for battery charger



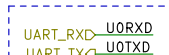
#### CAN BUS INTERFACE



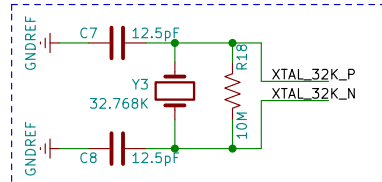
#### JTAG INTERFACE



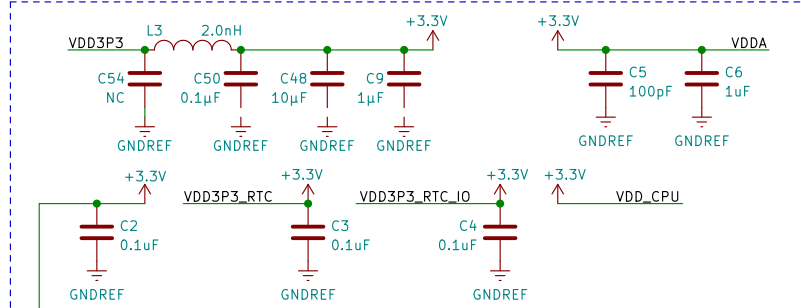
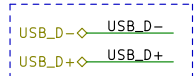
#### UART INTERFACE



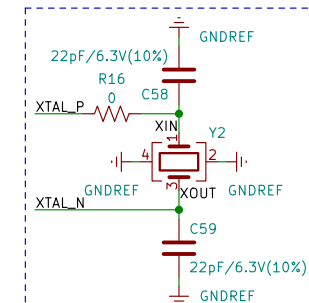
#### 32.768K (+/- 20 ppm) Crystal oscillator



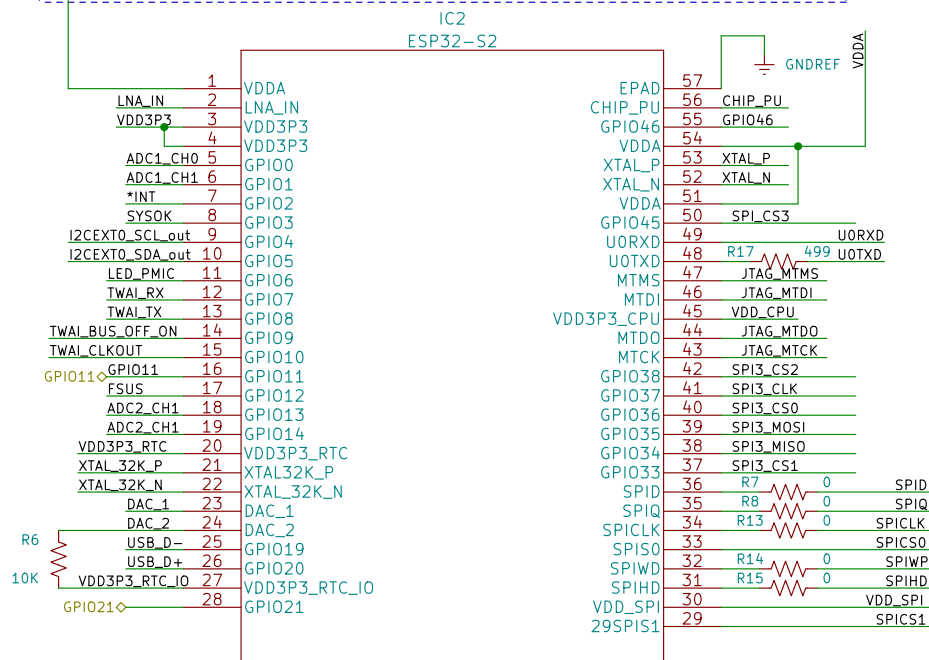
#### USB OTG INTERFACE (NO INTERM. IC NEEDED)



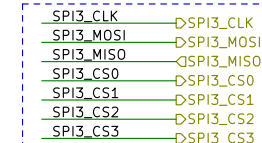
#### MICROCONTROLLER POWER INPUTS



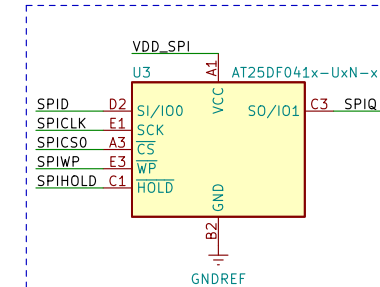
#### MICROCONTROLLER CRYSTAL FOR SYSCLK 40 MHz (+/- 10 ppm)



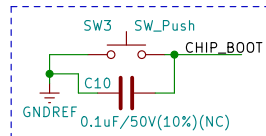
#### PROBES SPI INTERFACE



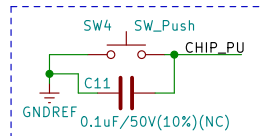
#### SPI MEMORY INTERFACE



#### Microcontroller BOOT button



#### Microcontroller Power-up (UP) button



Auteur : Jacques Veneziano  
**Club SynapsÉTS**

Sheet: /Microcontroller/  
File: microcontroler.kicad\_sch

**Title: Misca PCB**

Size: A4 Date: 2022-06-17  
KiCad E.D.A. kicad (6.0.2)

Rev: A2  
Id: 4/5

