

<https://yaseen.ly>

**Yaseen M. Twati**

Sheet: /

File: ThunderSTM32.kicad\_sch

**Title: ThunderSTM32**

Size: A4

Date: 2023-02-08

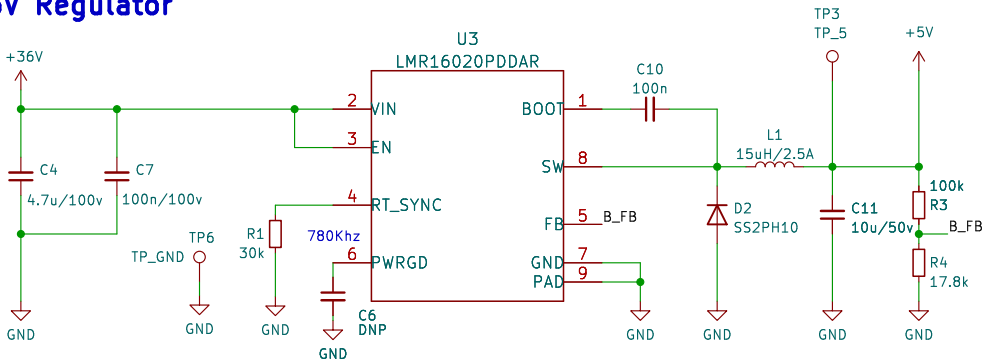
**Rev: v1.0**

KiCad E.D.A. 9.0.6

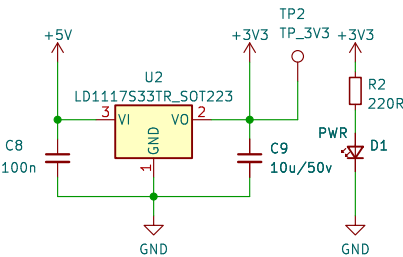
Id: 1/4

# Power & Regulation

## 5V Regulator



## 3V3 Regulator



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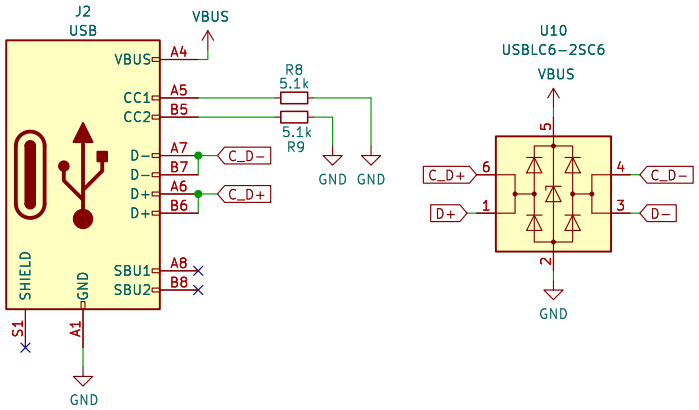
Date: 2023-02-08

KiCad E.D.A. 9.0.6

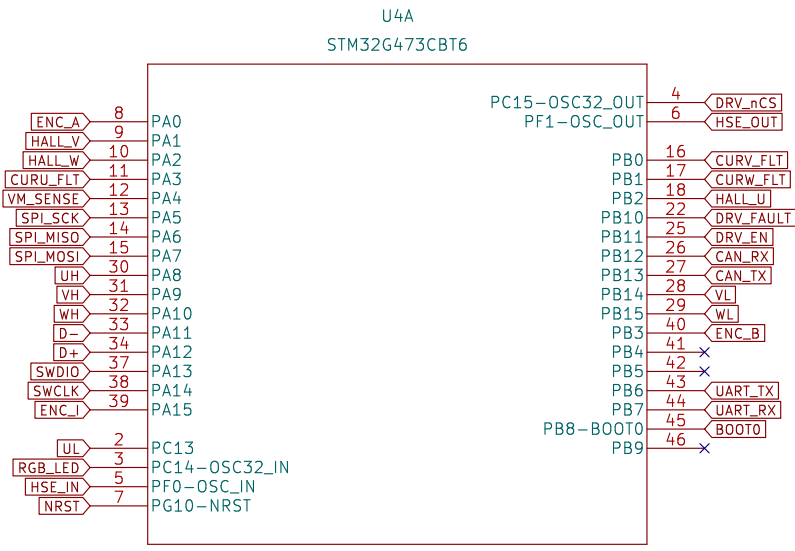
**Rev: v1.0**

Id: 2/4

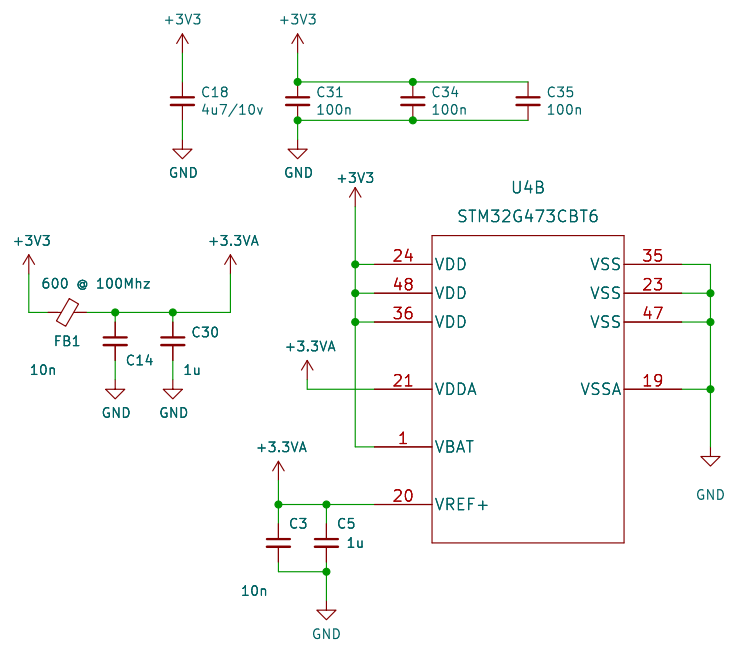
# USB



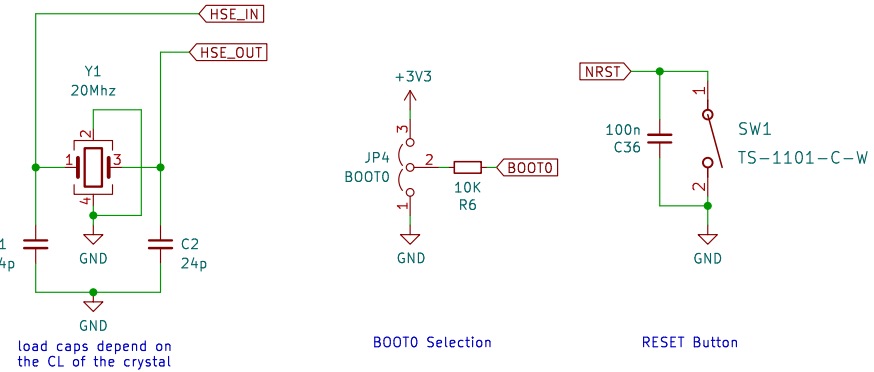
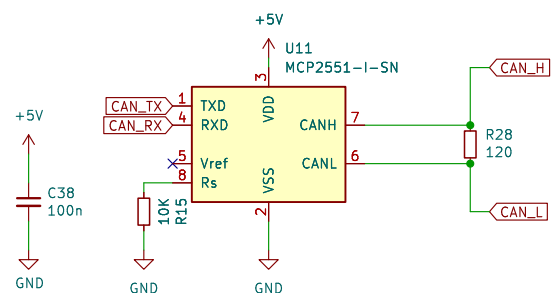
# Microntroller



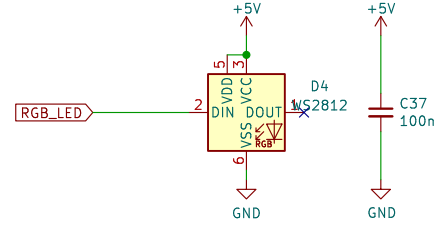
# Microntroller Power



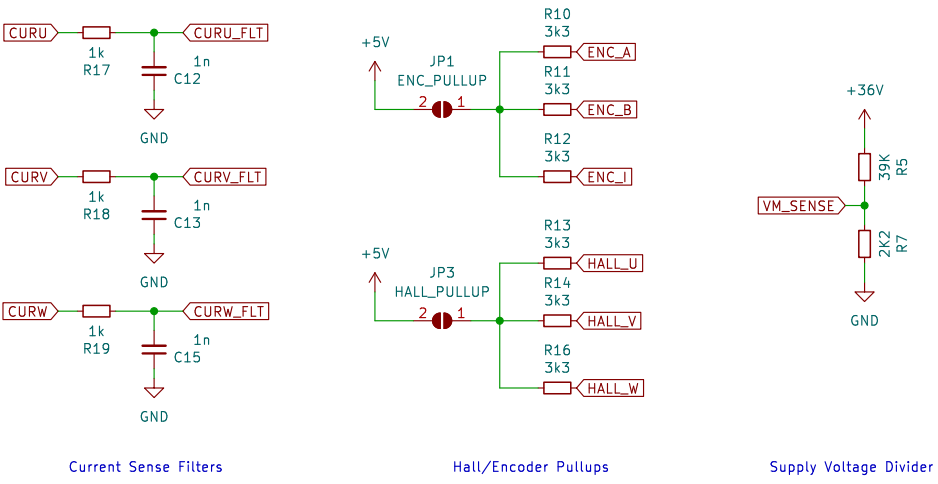
# CAN



# RGB LED ( NEOPIXEL )

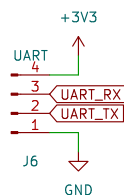


# Sensing Things

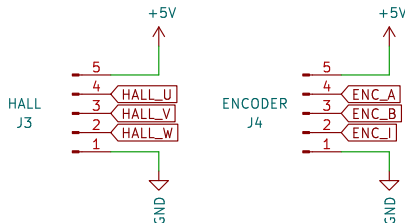


# Connectors

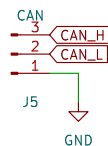
## UART



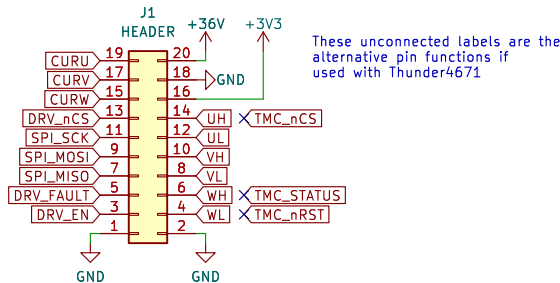
## Hall & Encoder



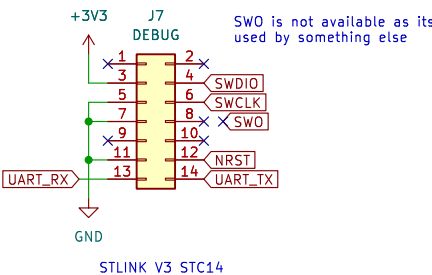
## CAN



## ThunderMini Connection



## DEBUG



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