

# PiHat

Sheet: MCU

MCU

File: MCU.sch

Sheet: Power

Power

File: Power.sch

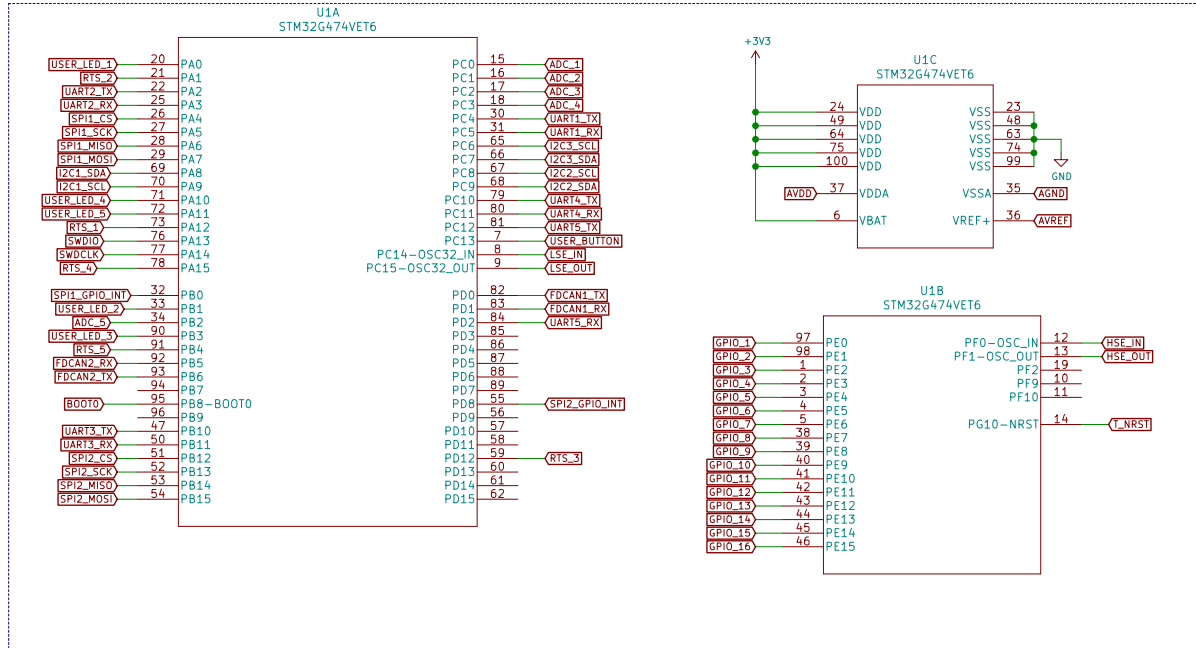
Sheet: Connectors

Connectors

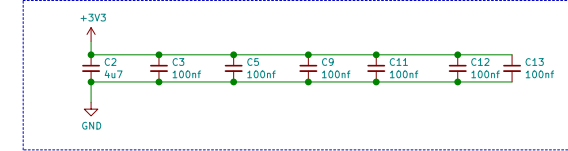
File: Connectors.sch

Prakhar Goel		
Stoch Lab		
Sheet: /		
File: PiHat_Hardware.sch		
Title: PiHat		
Size: A4	Date: 2021-05-10	Rev: v1.0
KiCad E.D.A. kicad (5.1.10)-1		Id: 1/4

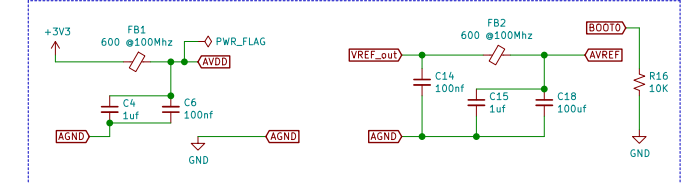
## STM32



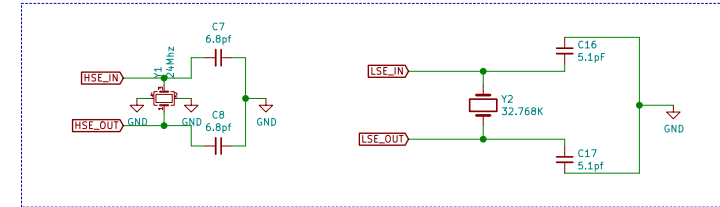
## Decoupling capacitors



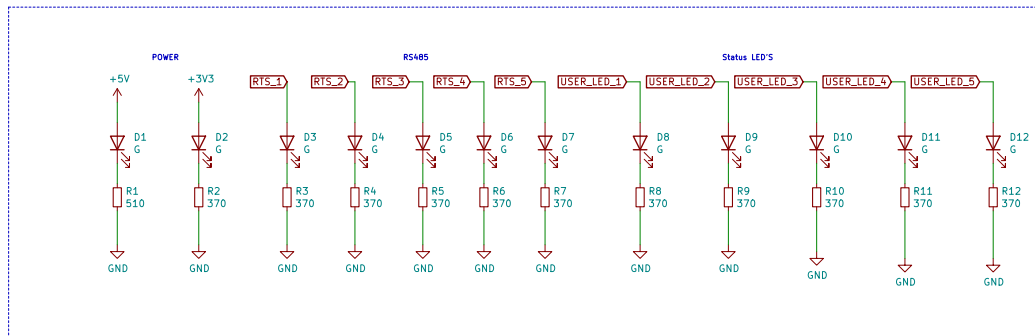
## AVREF/AVDD Filter



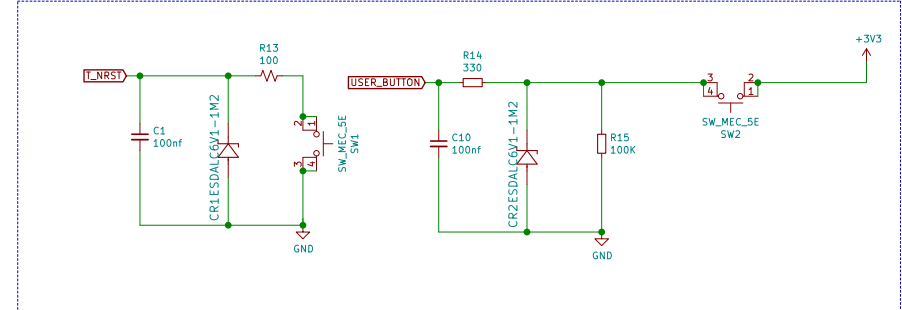
## Oscillators



## Status LED'S



## Reset and user switch



Author : Prakhar Goel

Stoch Lab

Sheet: /MCU/

File: MCU.sch

Title: PIHat MCU

Size: A3 Date: 2021-05-01

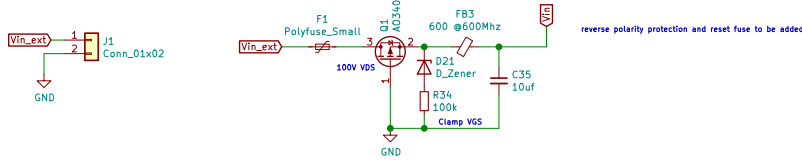
KiCad E.D.A. kicad (5.1.10)-1

Rev: v2.0

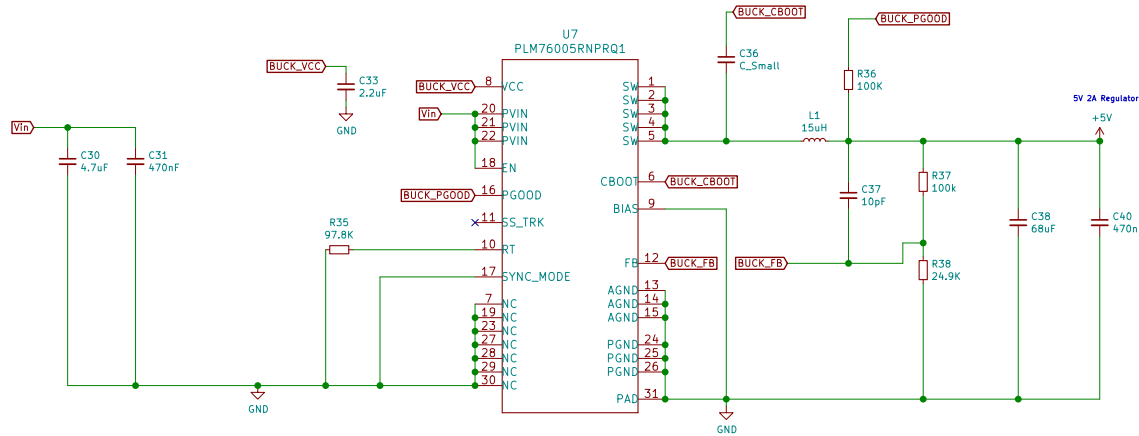
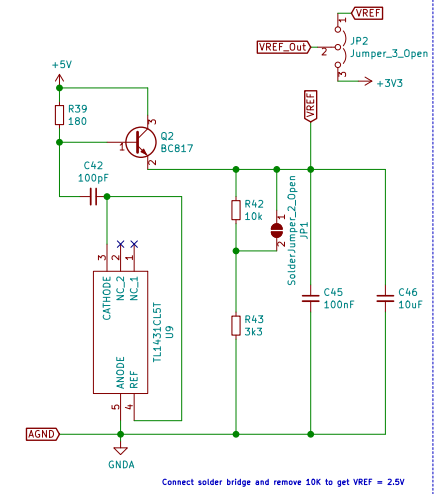
Id: 2/4



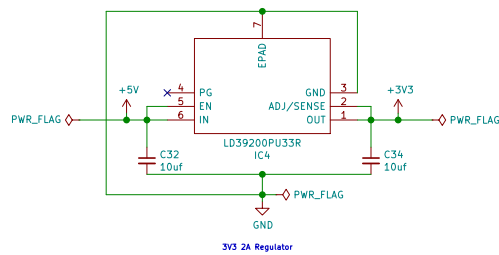
## Power Connector



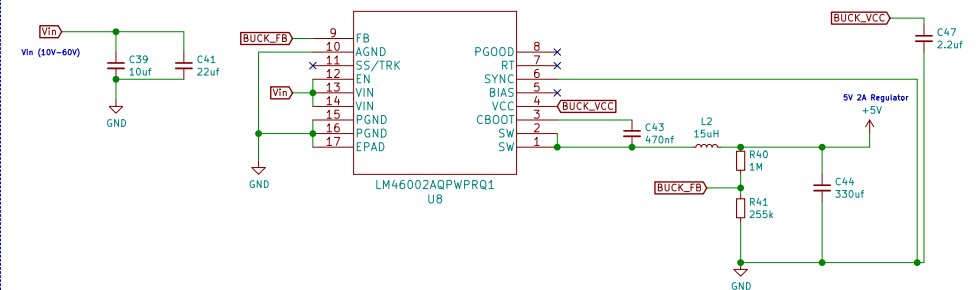
## VREF Power at 3.25V OR 2.25V



## 3V3 2A LDO



## 5V 2A Buck



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Rev: v2.0

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