

# CCTV3\_F407\_REV200

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## REVISIONS

REV100	Initial release
REV200	Change mcu to F407VETx, remove SRAM

CCTV3\_F407ZET\_REV100

**A. Chen**

Sheet: /

File: CCTV3\_F407\_REV200.kicad\_sch

**Title: Table of contents**

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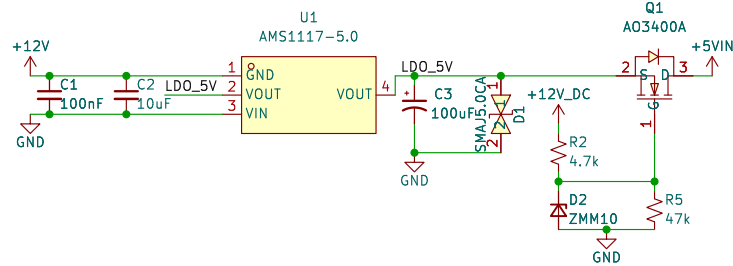
Date: 2022-10-25

**Rev: 200**

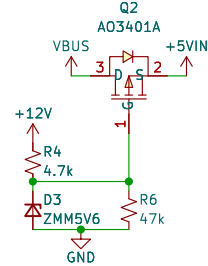
KiCad E.D.A. kicad (7.0.0-0)

Id: 1/6

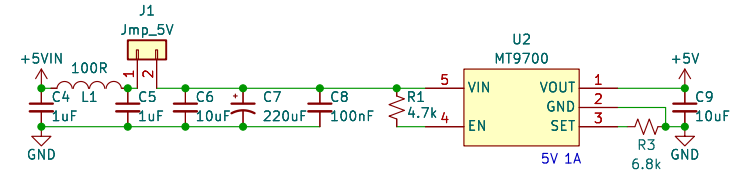
## 5V LDO



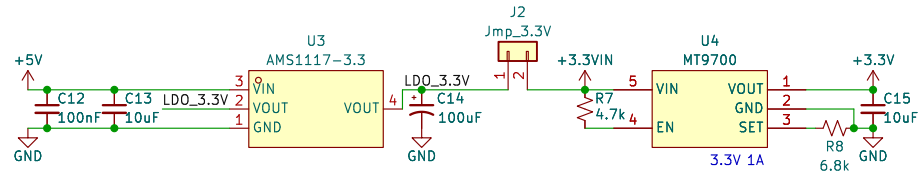
## VBUS Switch



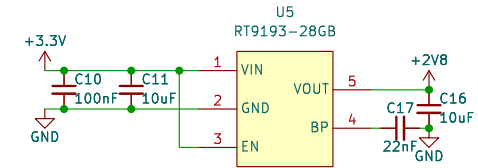
## 5V Current Limit



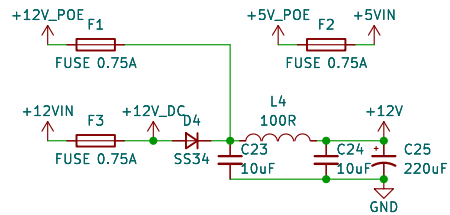
## 3.3V LDO



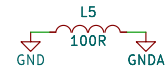
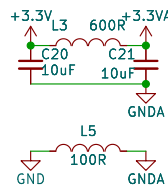
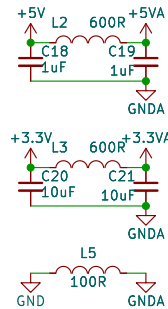
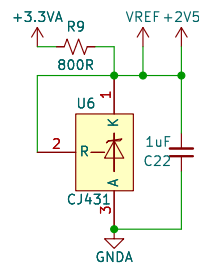
## 2.8V LDO



## Ext. Power



## VDDA & VREF



CCTV3\_F407ZET\_REV100

A. Chen

Sheet: /POWER/

File: power.kicad\_sch

**Title: Power**

Size: A4

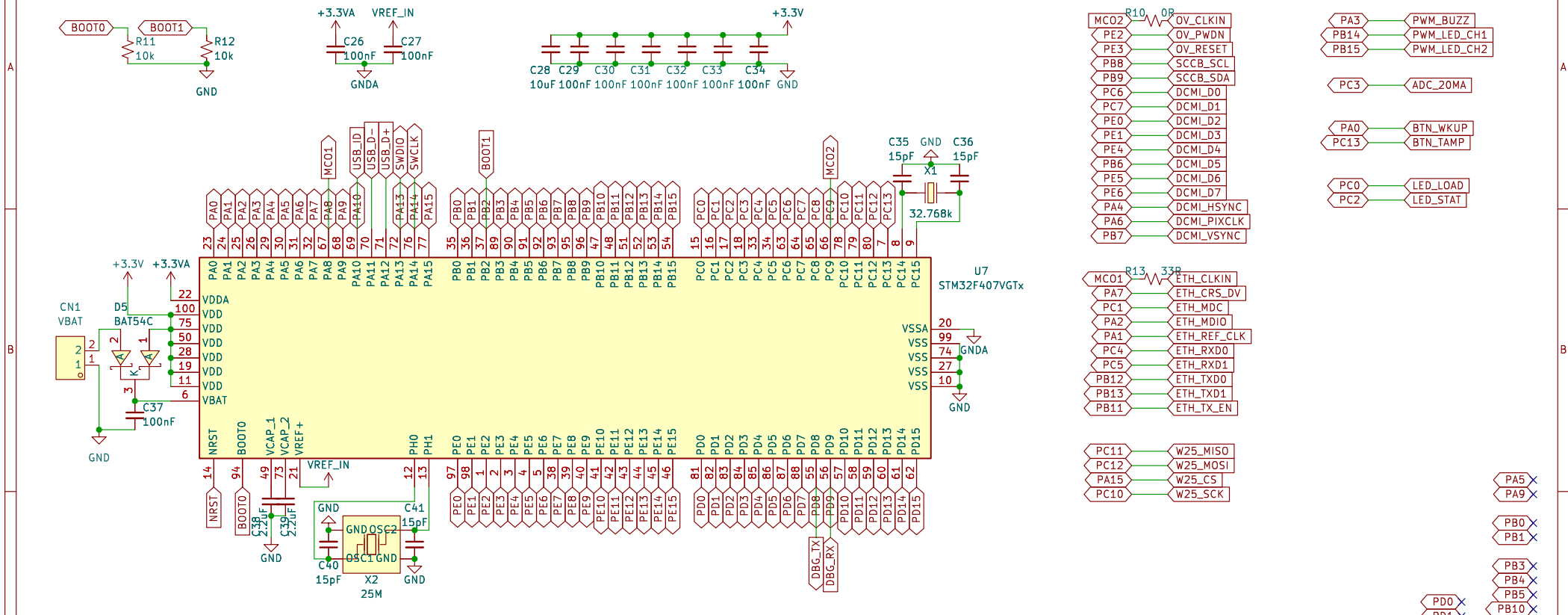
Date: 2022-10-25

KiCad E.D.A. kicad (7.0.0-0)

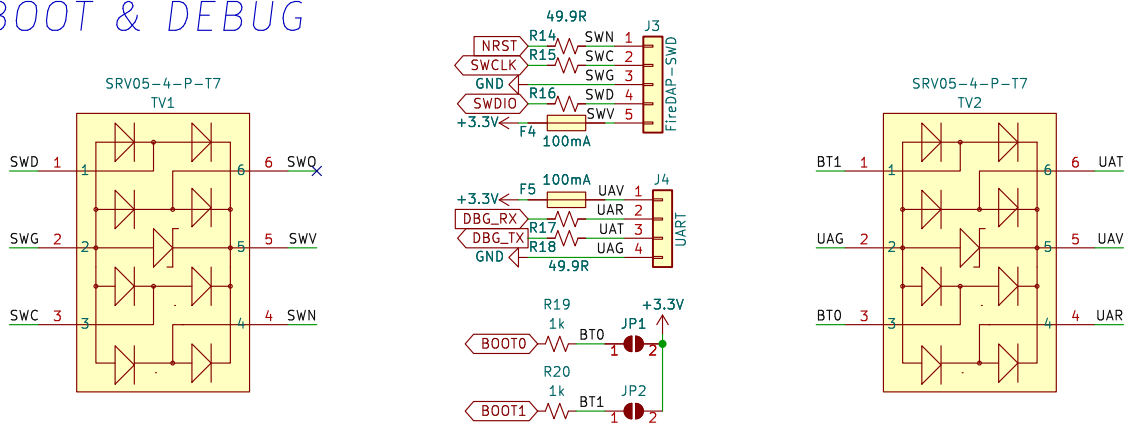
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## MCU STM32F407VGTx



## BOOT & DEBUG



CCTV3\_F407ZET\_REV100

A. Chen

Sheet: /MCU,SWD,UART,BOOT/

File: mcu.kicad\_sch

**Title: MCU,SWD,UART,BOOT**

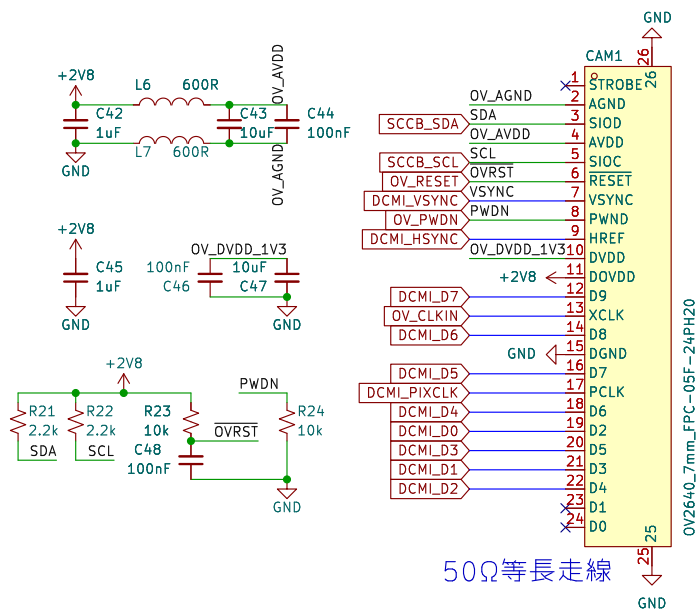
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KiCad E.D.A.	kicad (7.0.0-0)
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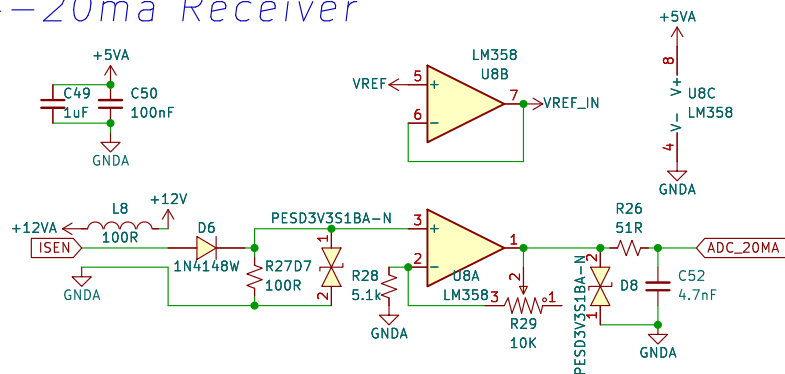
Rev: 200

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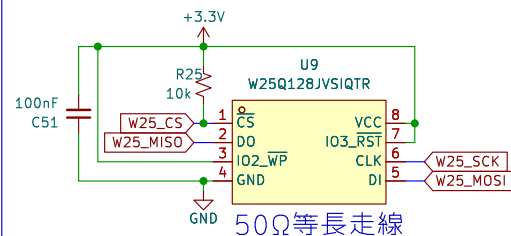
## CAMERA



## 4-20ma Receiver



## Flash



CCTV3\_F407ZET\_REV100

A. Chen

Sheet: /Flash,Camera,4-20mA Receiver/

File: highspeed\_peripheral.kicad\_sch

**Title: Flash, Camera, 4-20mA Receiver**

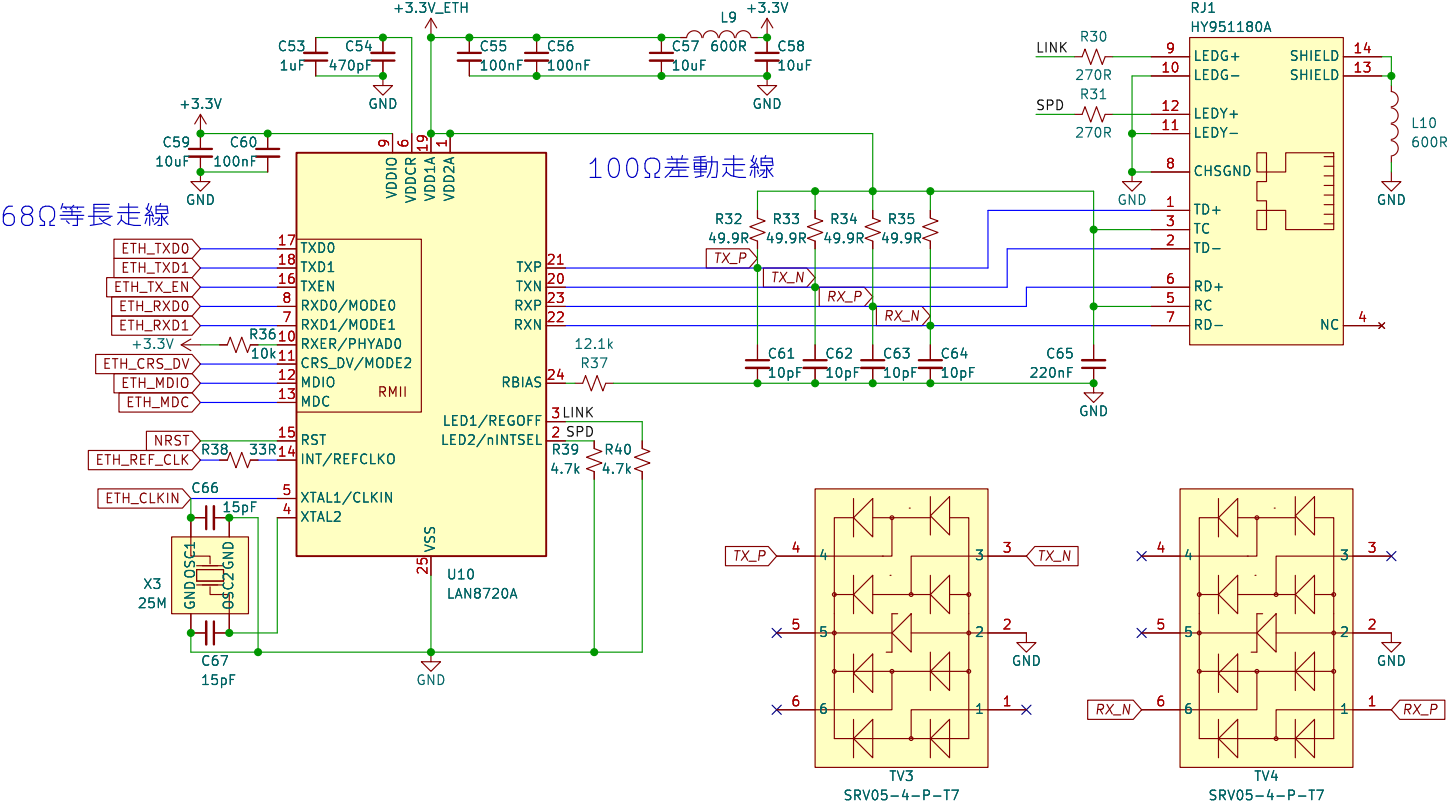
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KiCad E.D.A. kicad (7.0.0-0)	

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Ethernet Phy



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A. Chen

Sheet: /PHY,Ethernet/

File: ethernet.kicad\_sch

Title:

Size: A4

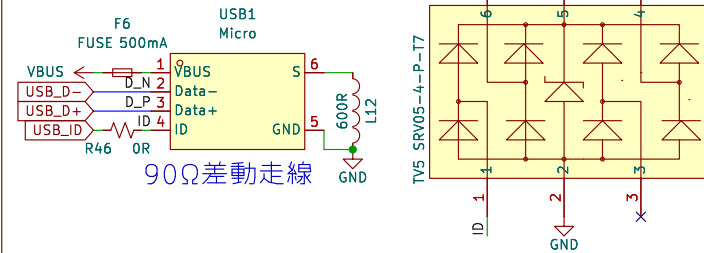
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Rev: 200

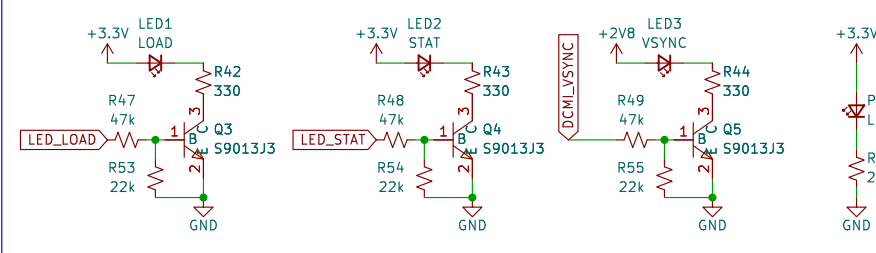
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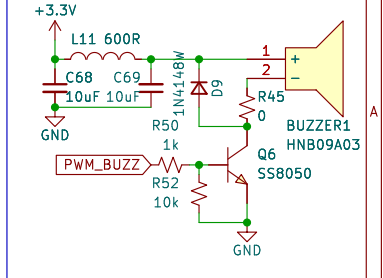
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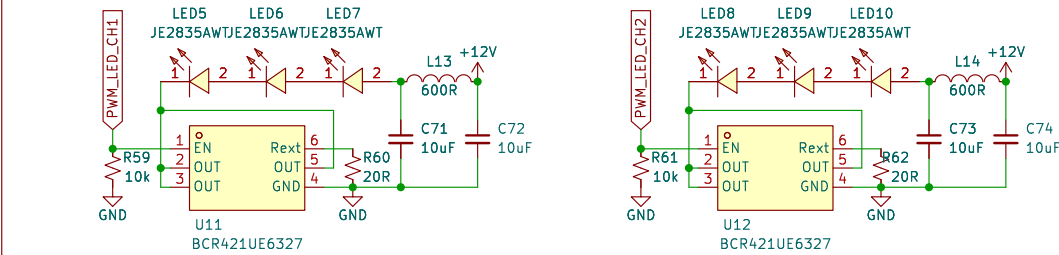
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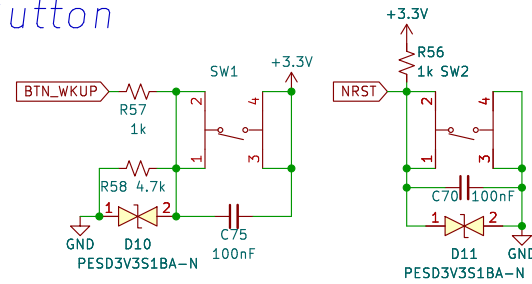
## BUZZER



## Camera Light



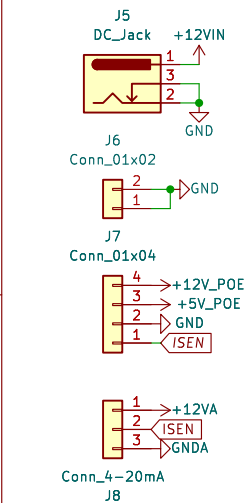
## Button



## Mounting Hole

- H1 MountingHole
- H2 MountingHole
- H3 MountingHole
- H4 MountingHole

## Power & FPC



CCTV3\_F407ZET\_REV100

A. Chen

Sheet: /USB,LED,BUZZ,IO,BTB/

File: io.kicad\_sch

**Title: USB,LED,BUZZ,IO,BTB**

Size: A4 Date: 2022-10-25

KiCad E.D.A. kicad (7.0.0-0)

Rev: 200

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