

# 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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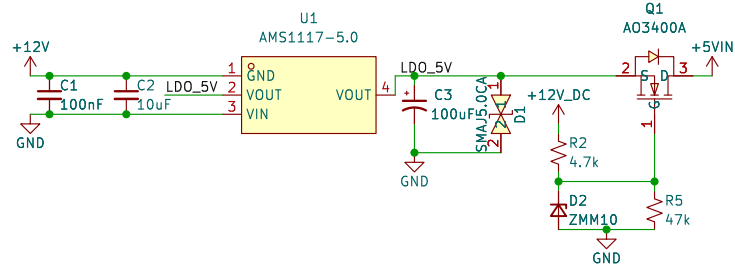
Date: 2022-10-25

Rev: 200

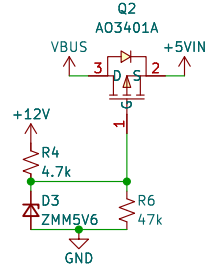
KiCad E.D.A. kicad 7.0.5

Id: 1/6

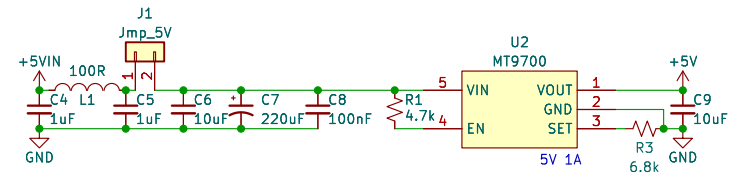
## 5V LDO



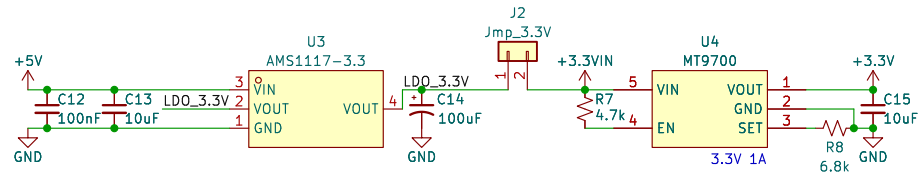
## VBUS Switch



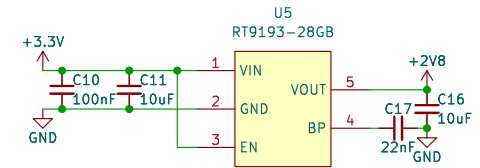
## 5V Current Limit



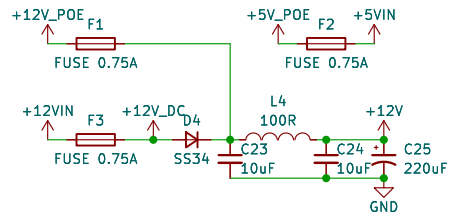
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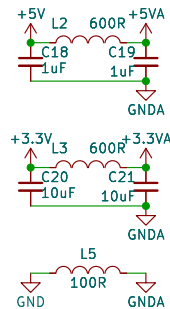
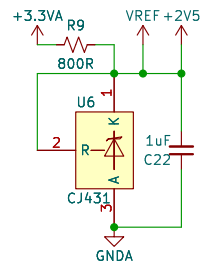
## 2.8V LDO



## Ext. Power



## VDDA & VREF



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Sheet: /POWER/

File: power.kicad\_sch

Title: Power

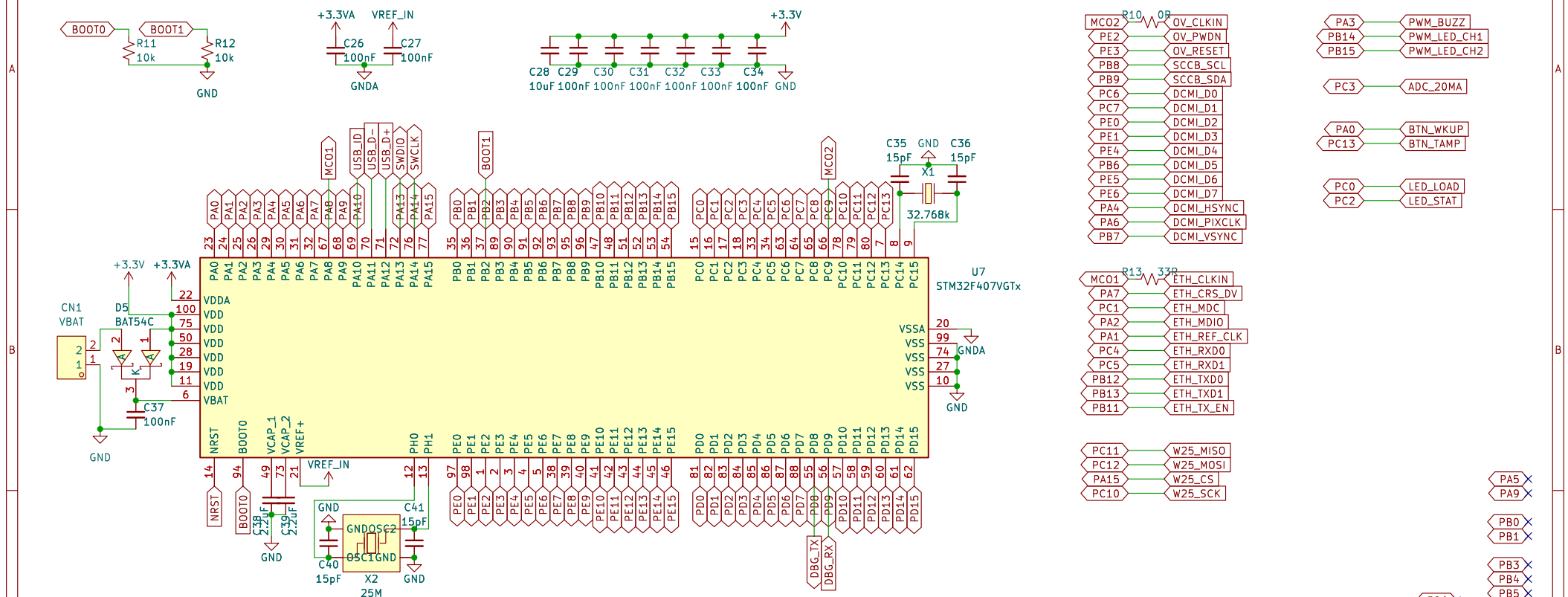
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KiCad E.D.A. kicad 7.0.5

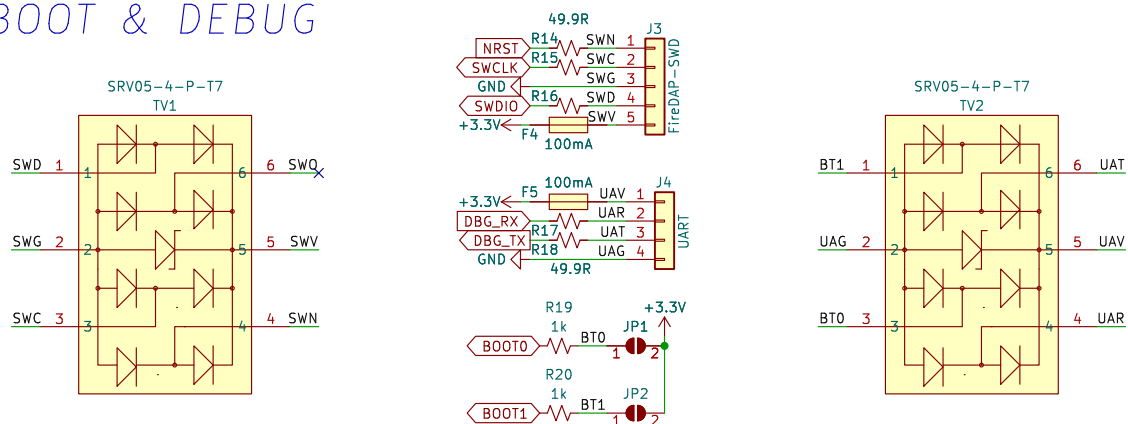
Rev: 200

Id: 2/6

## MCU STM32F407VGTx



## BOOT & DEBUG



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A. Chen

Sheet: /MCU,SWD,UART,BOOT/

File: mcu.kicad\_sch

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

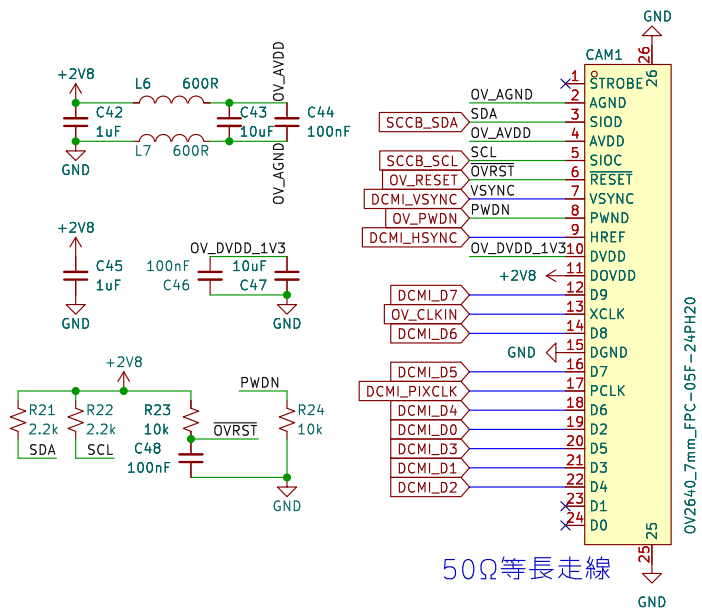
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| KiCad E.D.A. | kicad 7.0.5      |

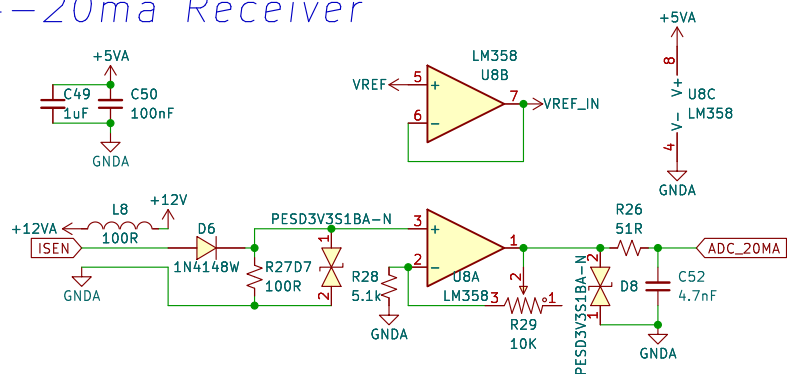
Rev: 200

Id: 3/6

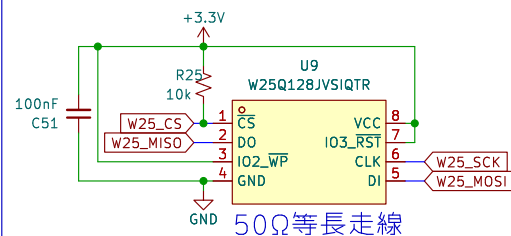
## CAMERA



## 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**

Size: A4

Date: 2022-10-25

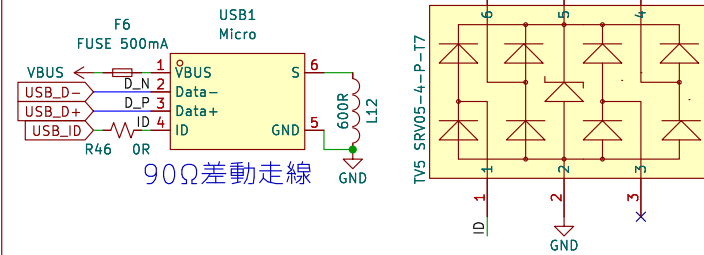
KiCad E.D.A. kicad 7.0.5

Rev: 200

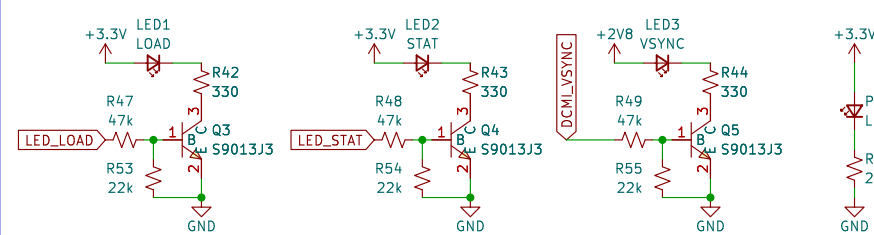
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Id: 5/6

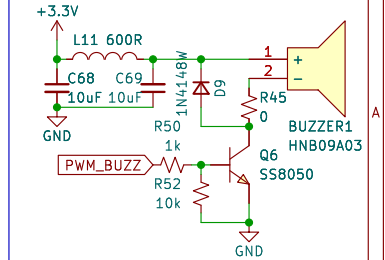
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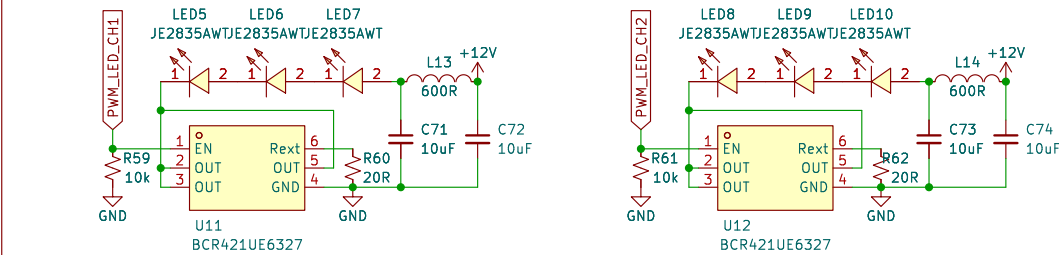
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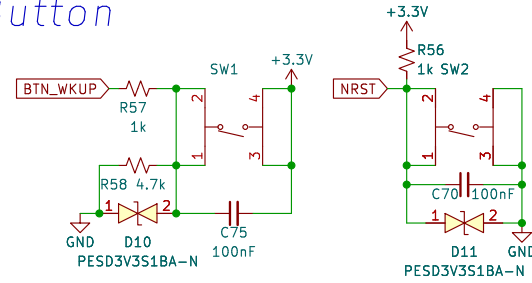
## BUZZER



## Camera Light



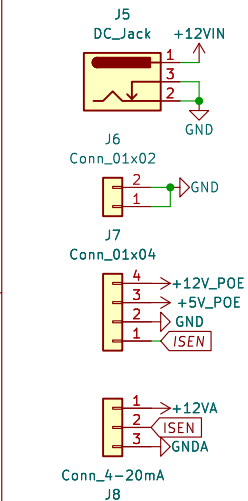
## Button



## 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 7.0.5

Rev: 200

Id: 6/6