

**Title:**

Sheet: /  
File: fpga\_core\_board.kicad\_sch

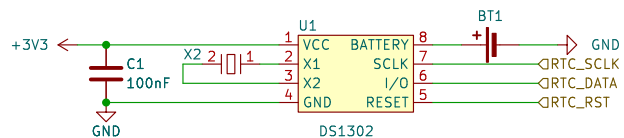
**4T Tech**

Size: A4 Date: 2024-06-08

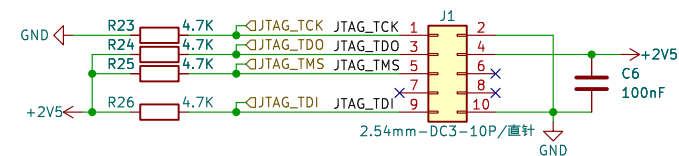
Rev: Id: 1/7

KiCad E.D.A. 8.0.4

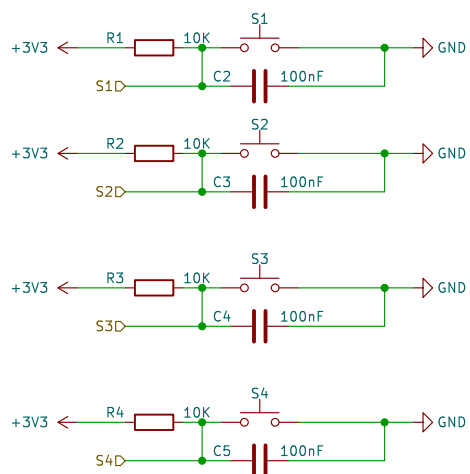
RTC



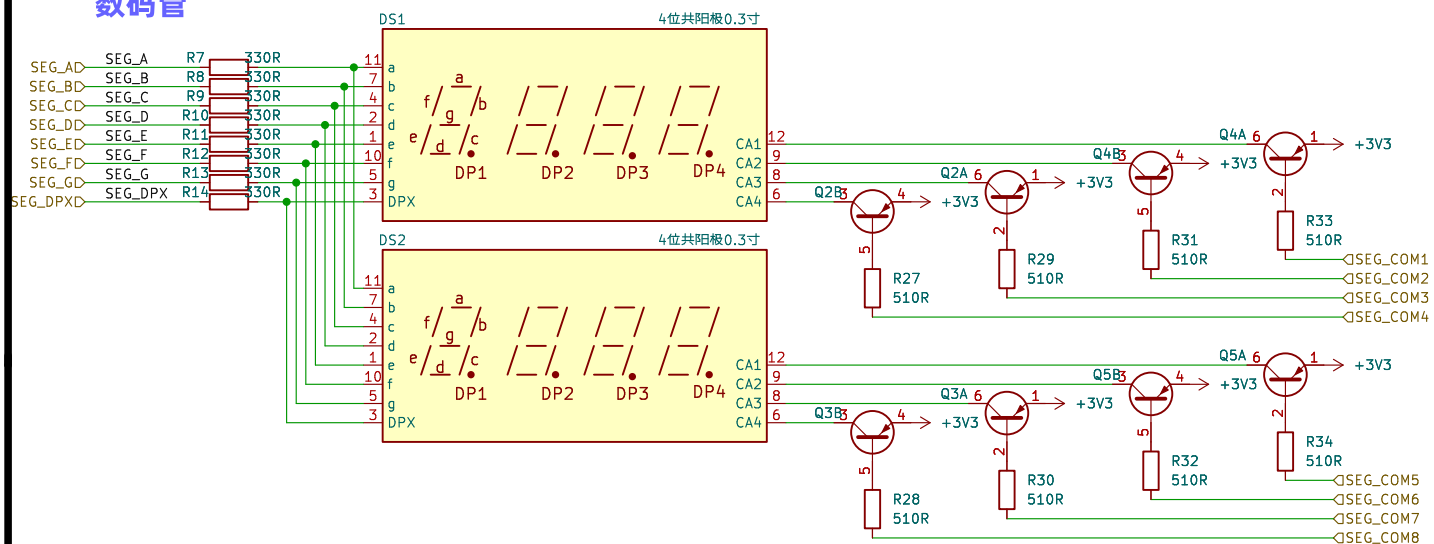
## JTAG



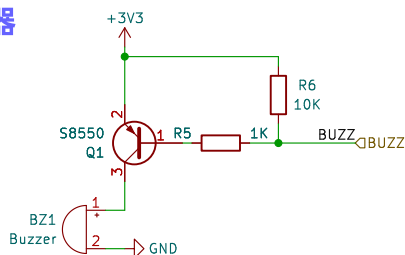
## 按键



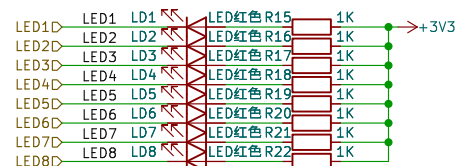
## 数码管



## 蜂鸣器



LED



**Title:**

Sheet: /IN\_OUT/  
File: IN\_OUT.kicad\_sch

4T Tech

Size: A4

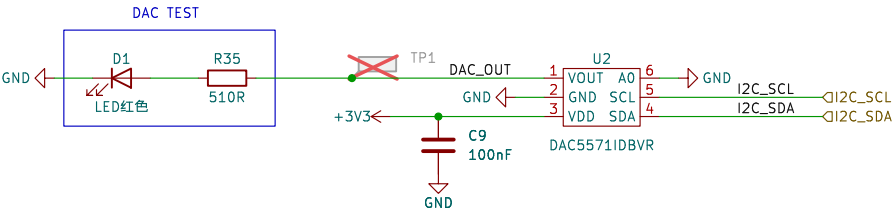
Date:

Rev:

Id: 2/7

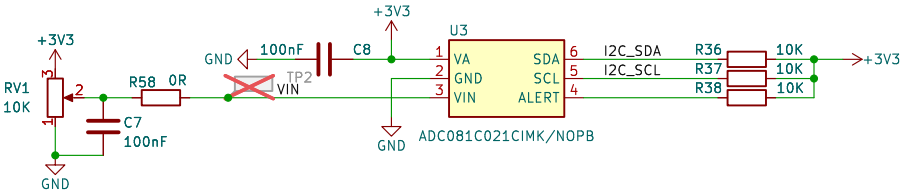
KiCad E.D.A. 8.0.4

DAC I2C



```
address = 1001_100+RD/WR#  
READ = 0X99  
WRITE = 0X98
```

ADC I2C



```
address = 1010_101+RD/WR#  
READ = 0XAA  
WRITE = 0XAB
```



Title:

Sheet: /AD&DA/  
File: AD&DA.kicad\_sch

4T Tech

Size: A4

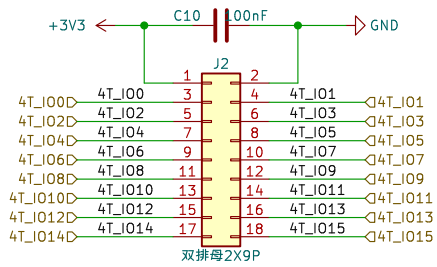
Date:

Rev:

Id: 3/7

KiCad E.D.A. 8.0.4

4T\_MODULE



Title:

Sheet: /ex\_module/  
File: ex\_module.kicad\_sch

4T Tech

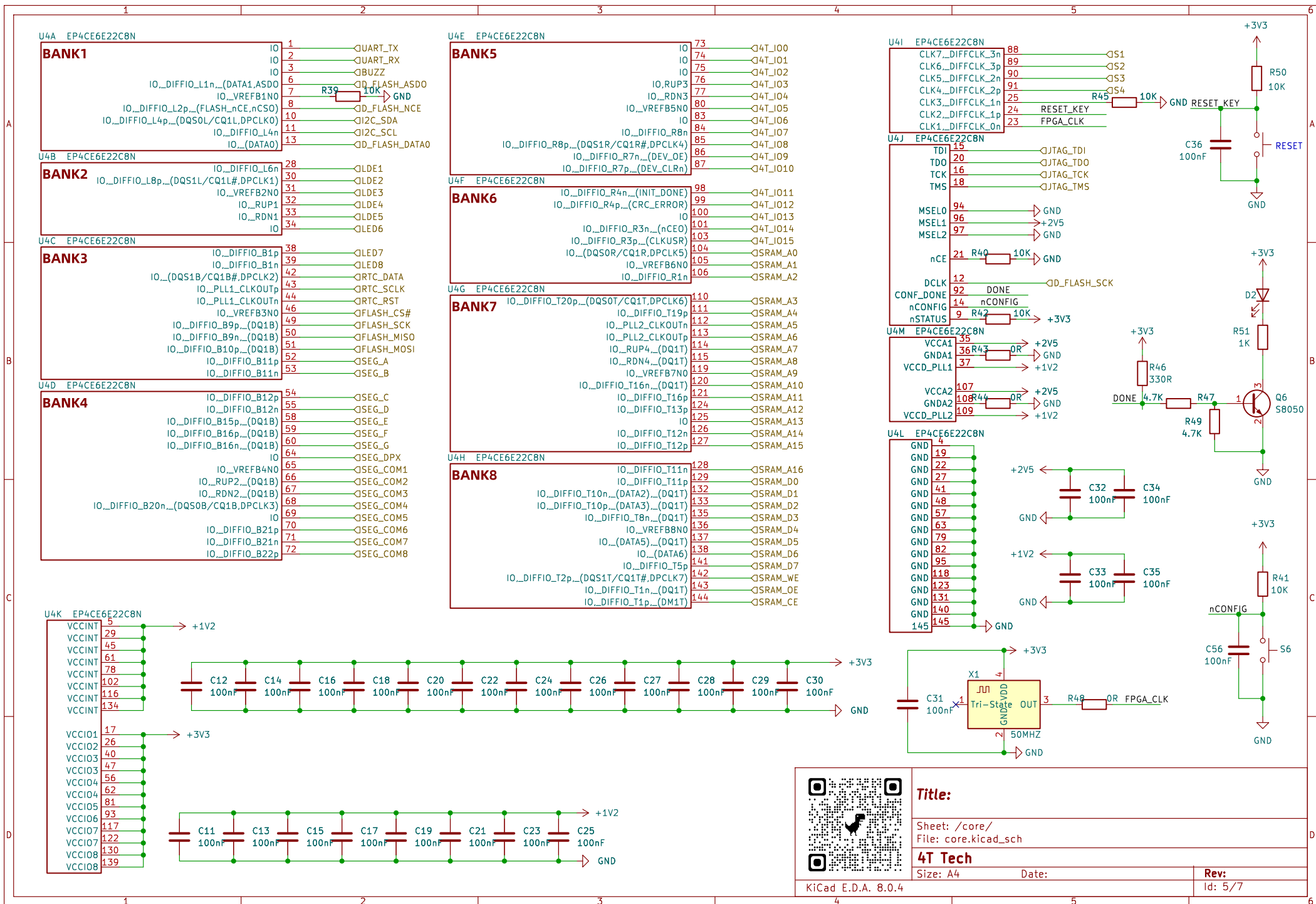
Size: A4

Date:

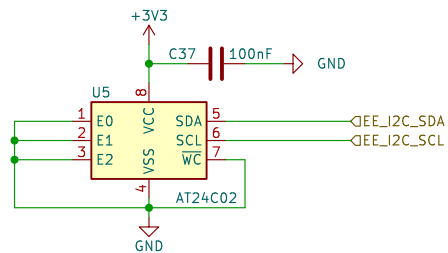
Rev:

Id: 4/7

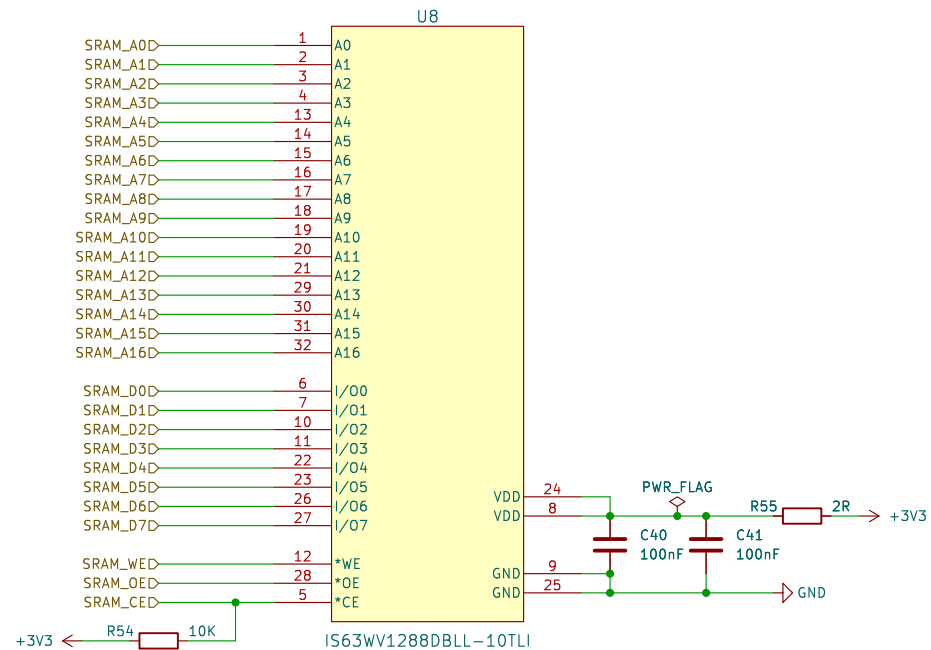
KiCad E.D.A. 8.0.4



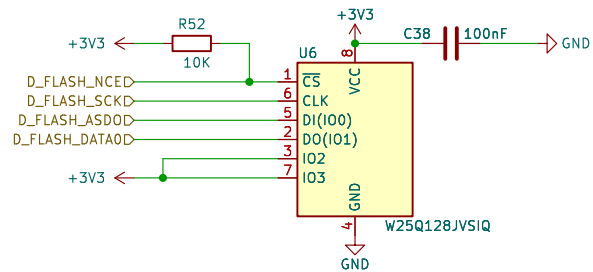
## EEPROM



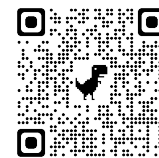
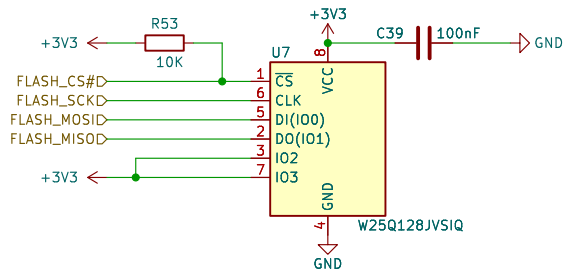
## SRAM



## DOWNLOAD\_FLASH



## FLASH



**Title:**

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

**4T Tech**

Size: A4

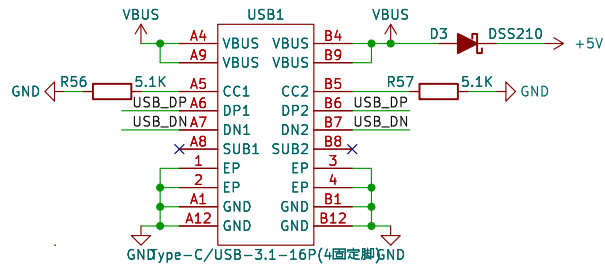
Date:

**Rev:**

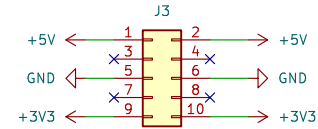
Id: 6/7

KiCad E.D.A. 8.0.4

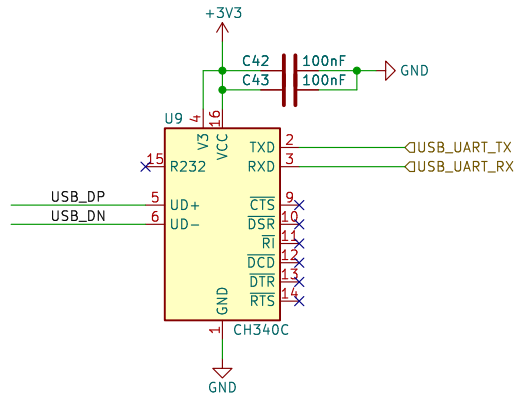
## USB接口



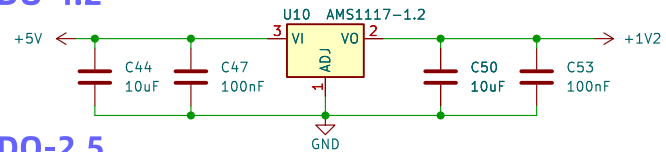
## 电源扩展接口



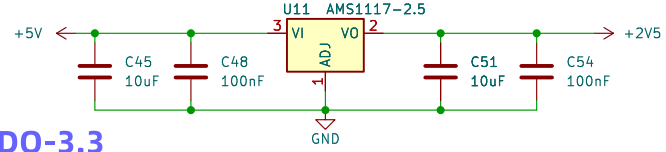
## USB--TTL



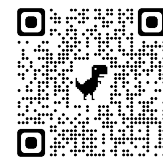
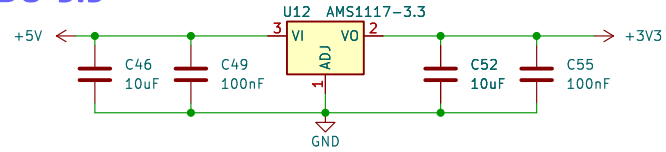
## LDO-1.2



## LDO-2.5



## LDO-3.3



Title:

Sheet: /供电&串口/  
File: Power.kicad\_sch

4T Tech

Size: A4

Date:

Rev:

Id: 8/7

KiCad E.D.A. 8.0.4