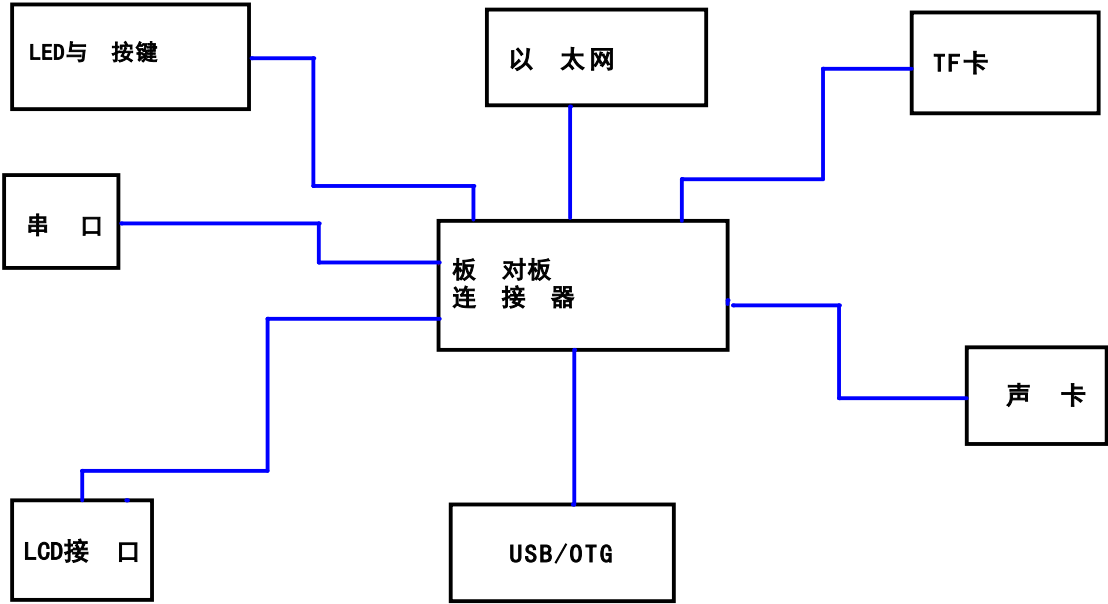


BLOCK DIAGRAM

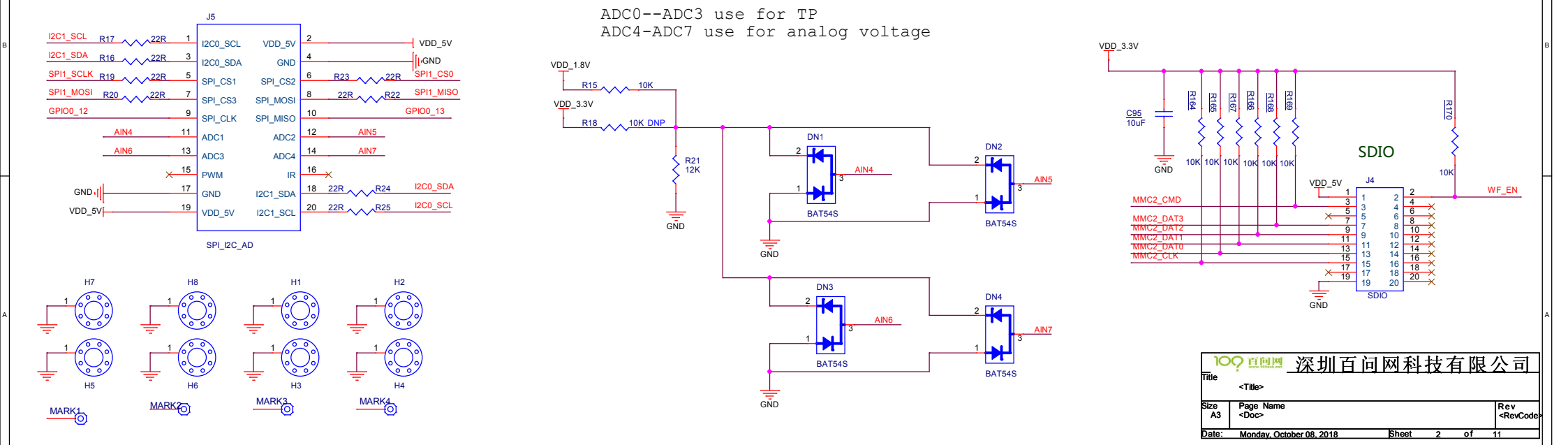
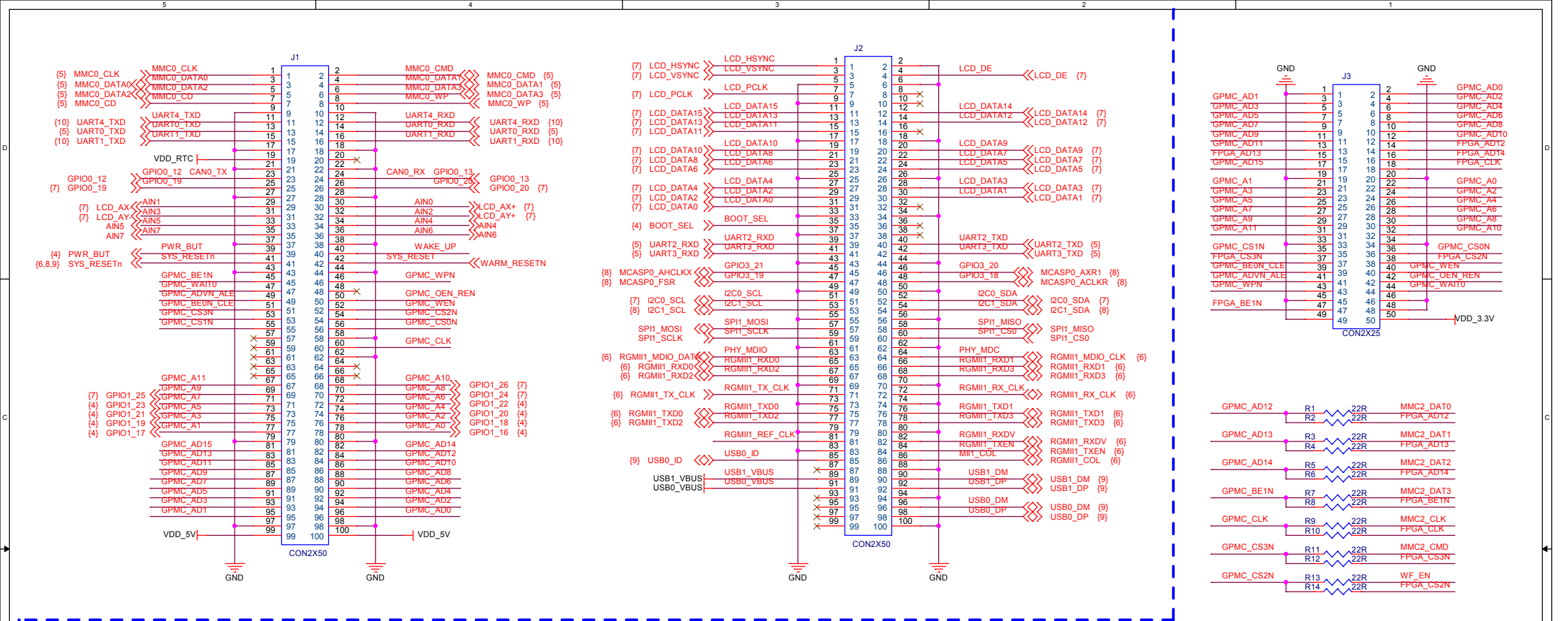


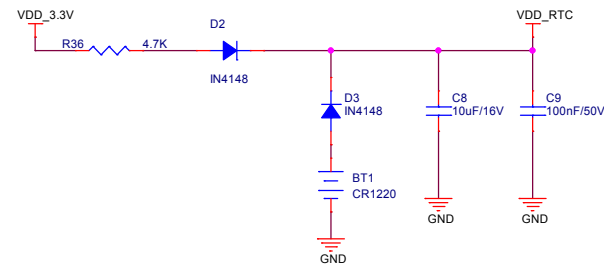
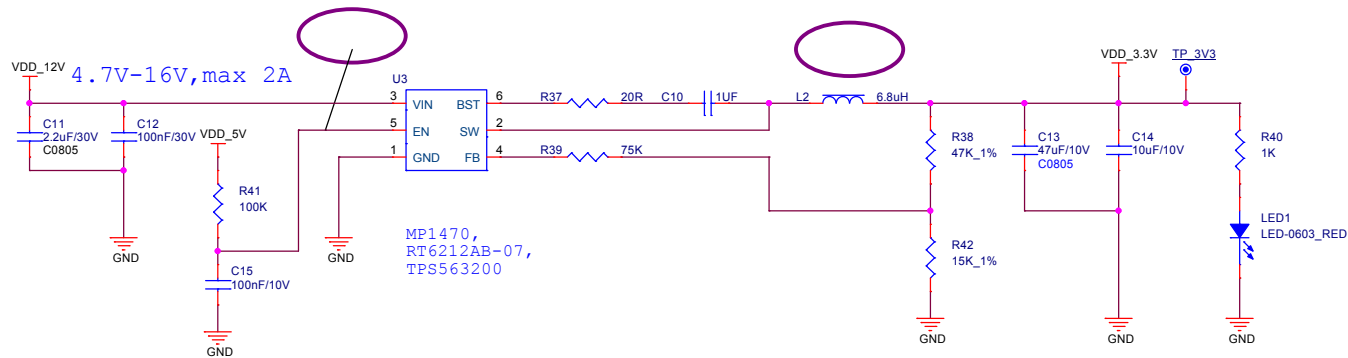
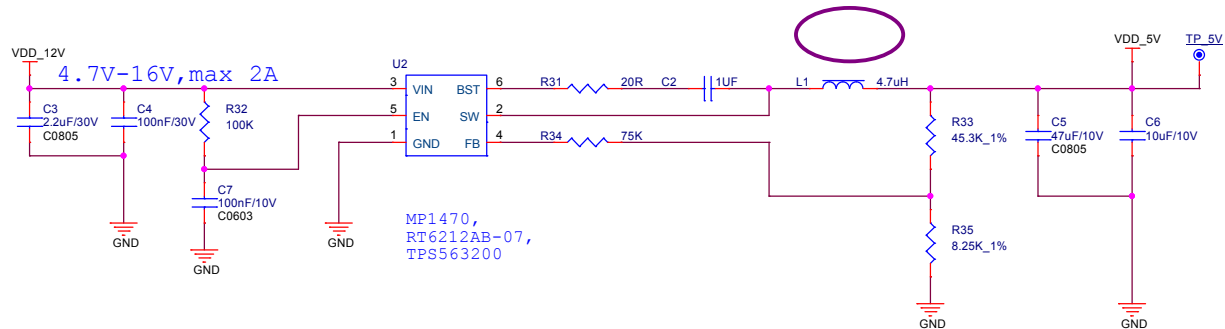
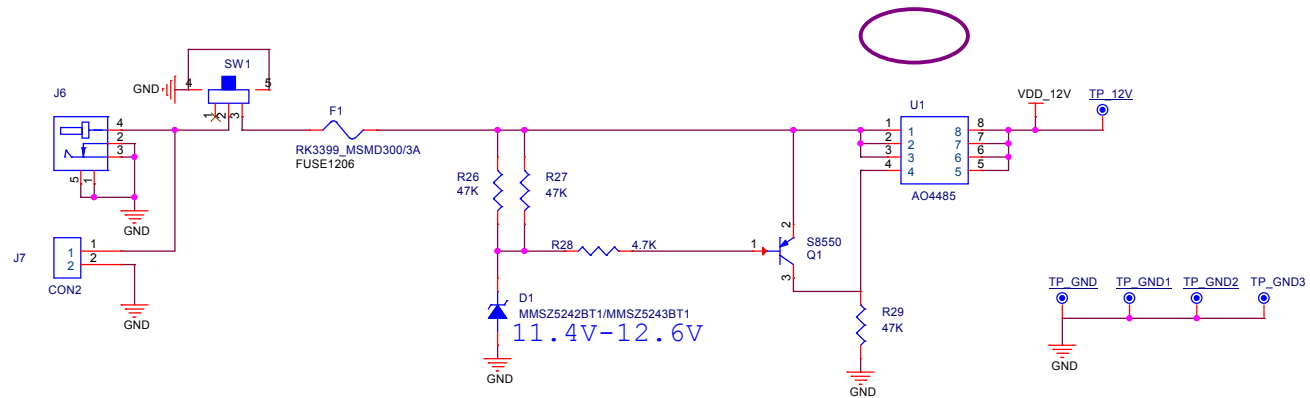
REVISION HISTORY

Revision	Description	Date	Design	Checked
V00	REALSE VERSION	2018-08-14	frank	thisway_diy

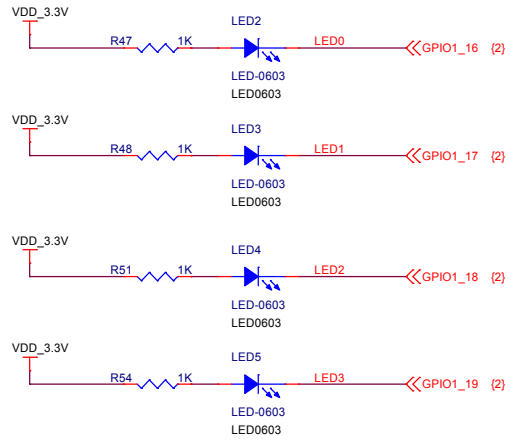
Schematics Index:

- P01: REVISION HISTORY
- P02: CONNECTOR
- P03: POWER
- P04: LED_KEY
- P05: UART_SD
- P06: NET
- P07: LCD
- P08: AUDIO
- P09: USB
- P10: CAN_485



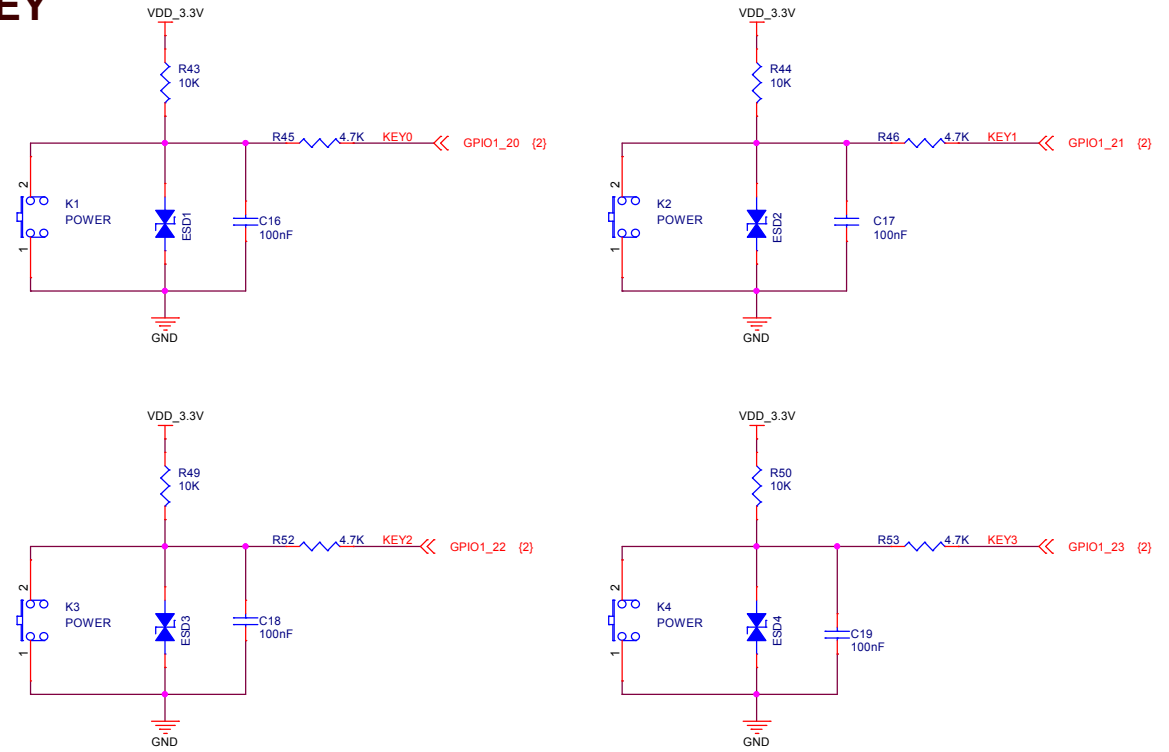


LED

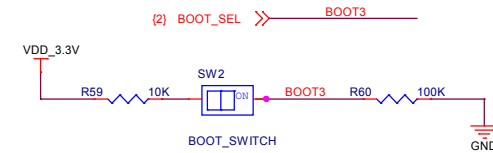
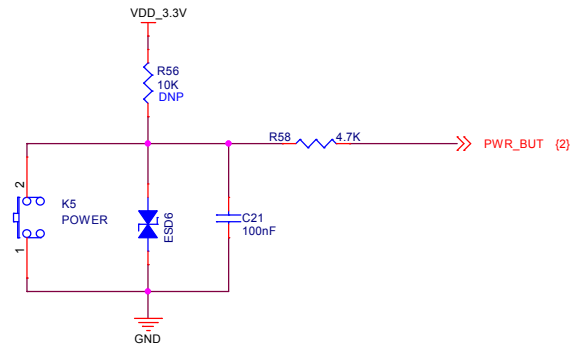
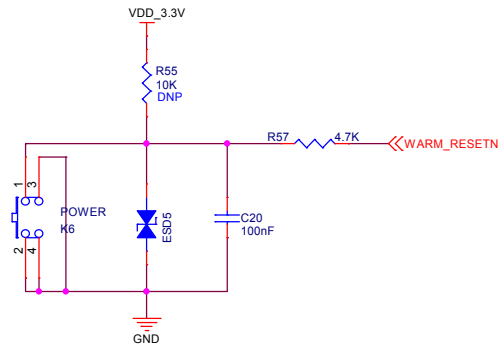


GPIO0_12 (2) use for SPI cs, also can use for DCAN0
 GPIO0_13 (2)
 GPIO0_19 (2,7) use for CTP
 GPIO0_20 (2,7)

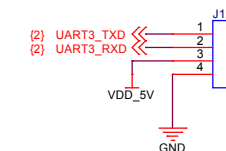
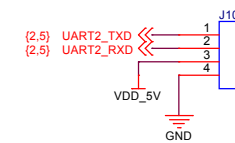
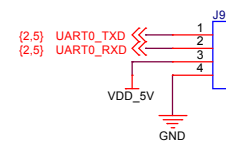
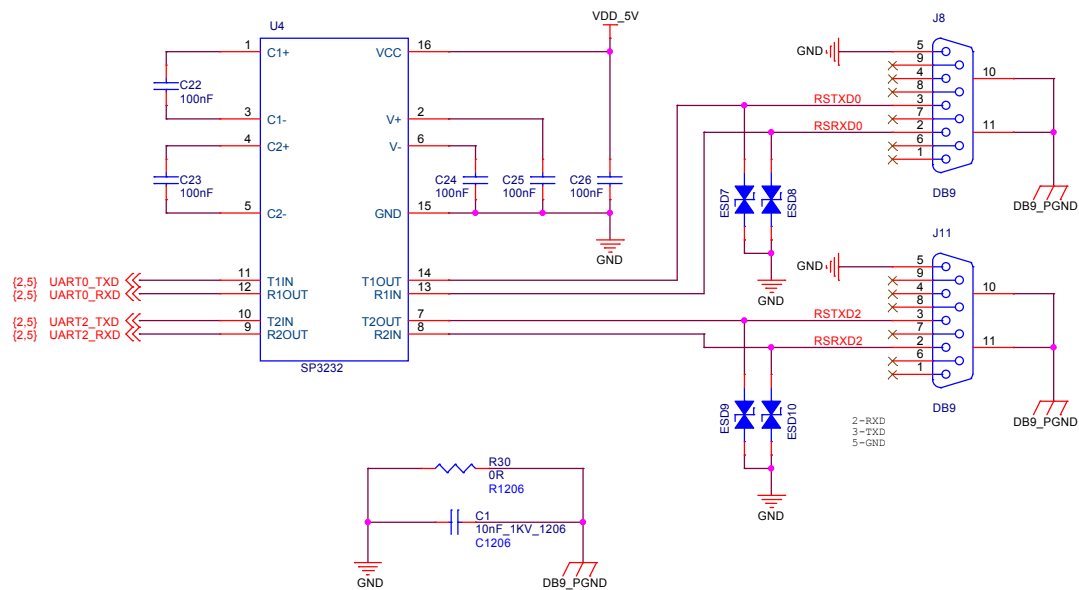
KEY



GPIO1_24 (2,7)
 GPIO1_25 (2,7) use for LCD
 GPIO1_26 (2,7)



Uart

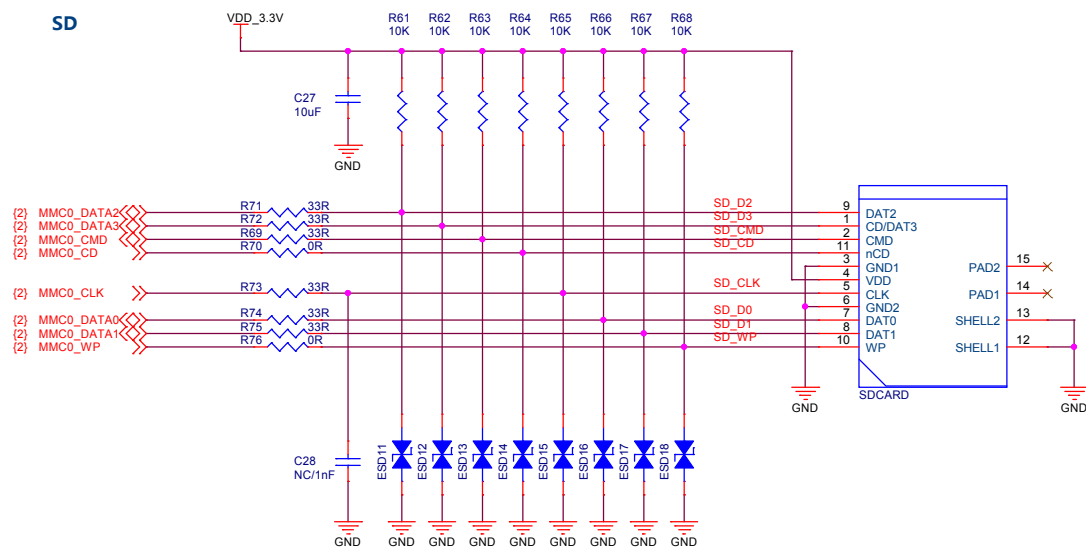


UART

UART0	RS232	TTL		
UART1			485	
UART2	RS232	TTL		
UART3		TTL		
UART4				CAN

UART3 can be use GPIO and TTL

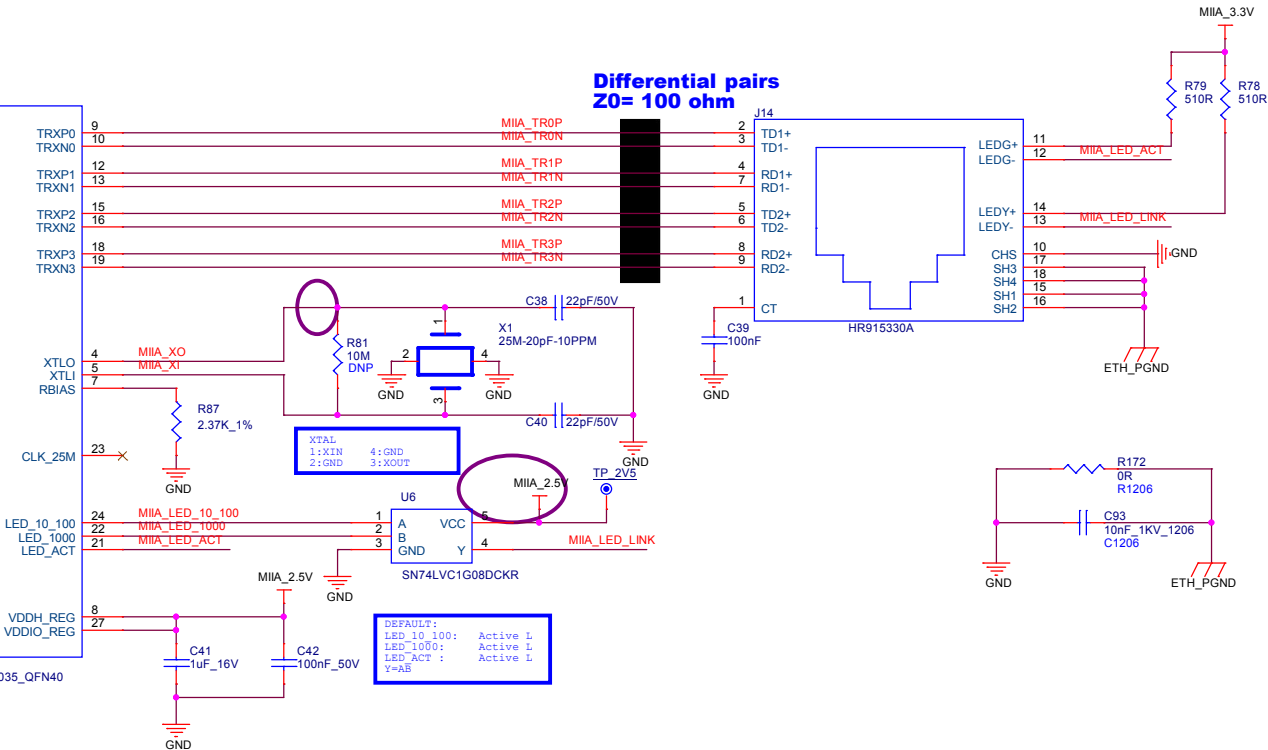
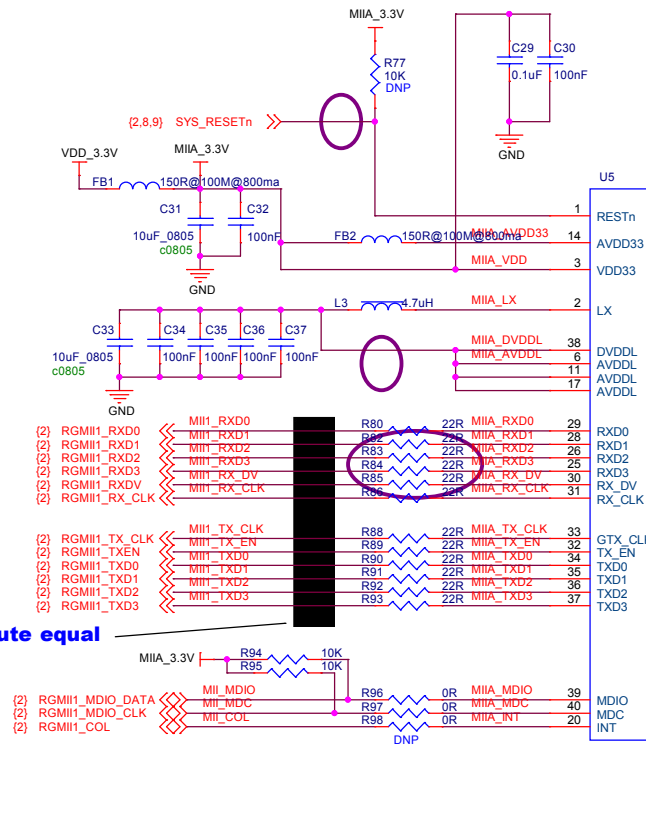
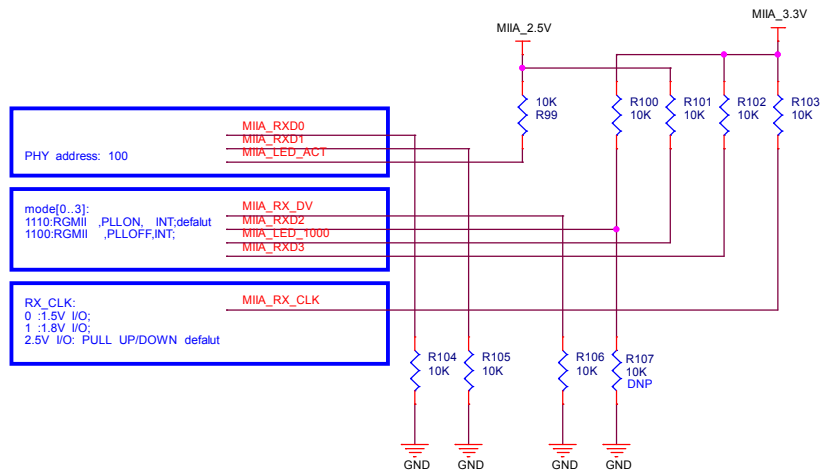
SD



MYB-AM3359-SCH,P14, ESD is DNP
if TVS part take up too much space, so need change to TVS IC part

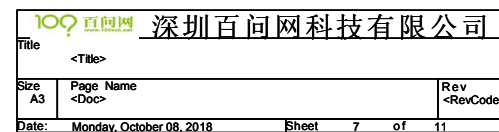
50R,Route equal

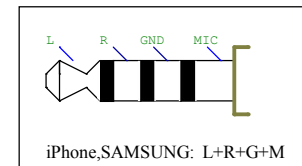
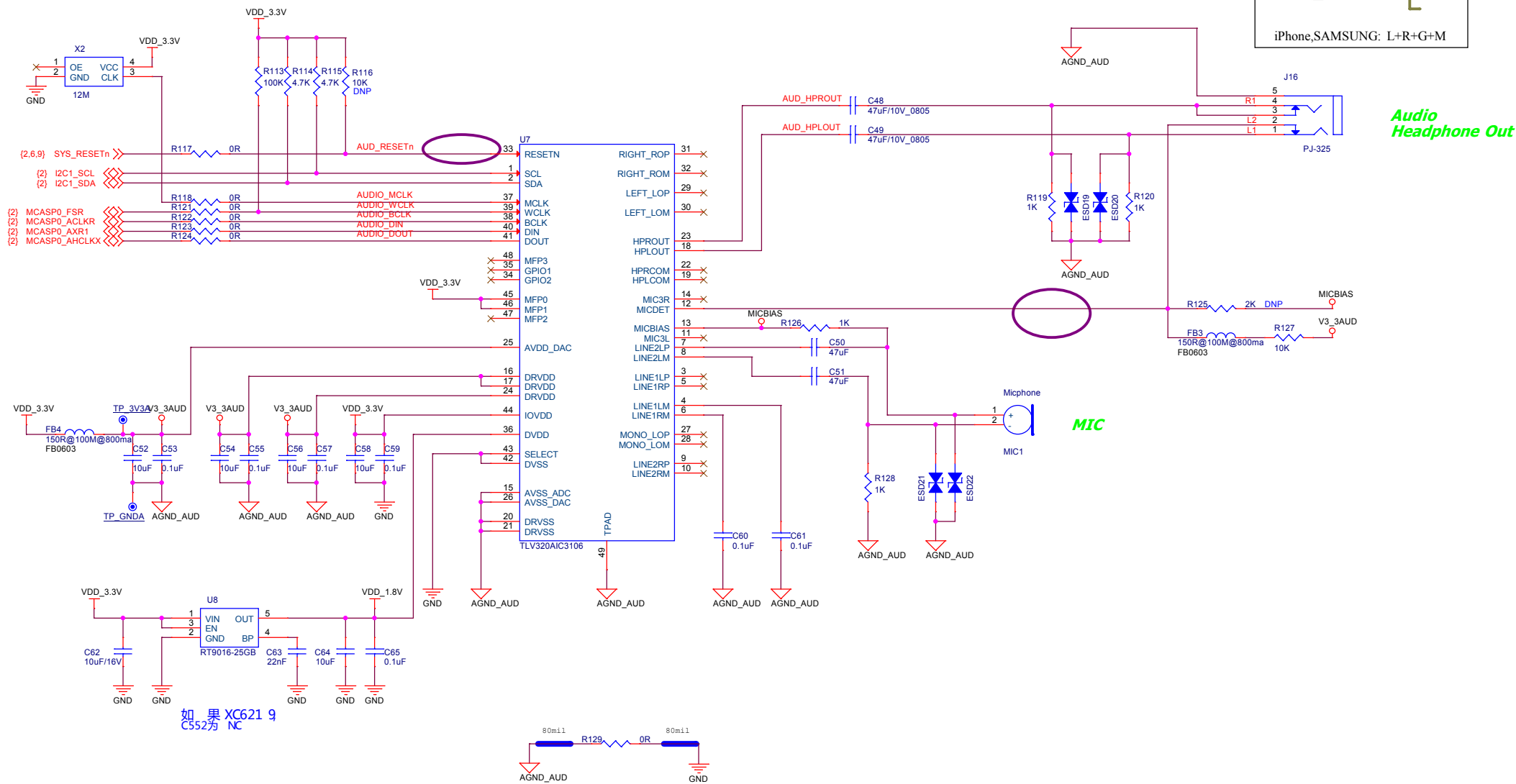
Differential pairs
Z0= 100 ohm





Nearby cpu For EMI

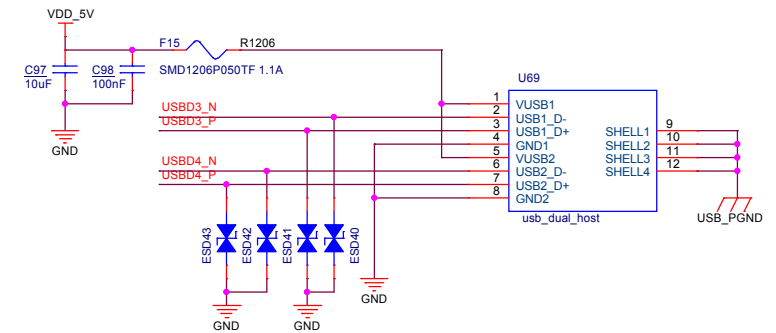
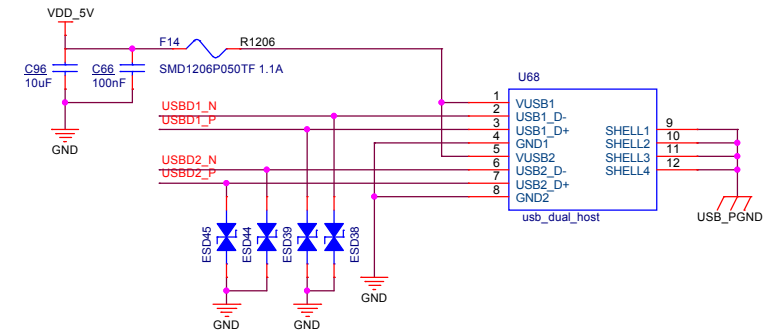
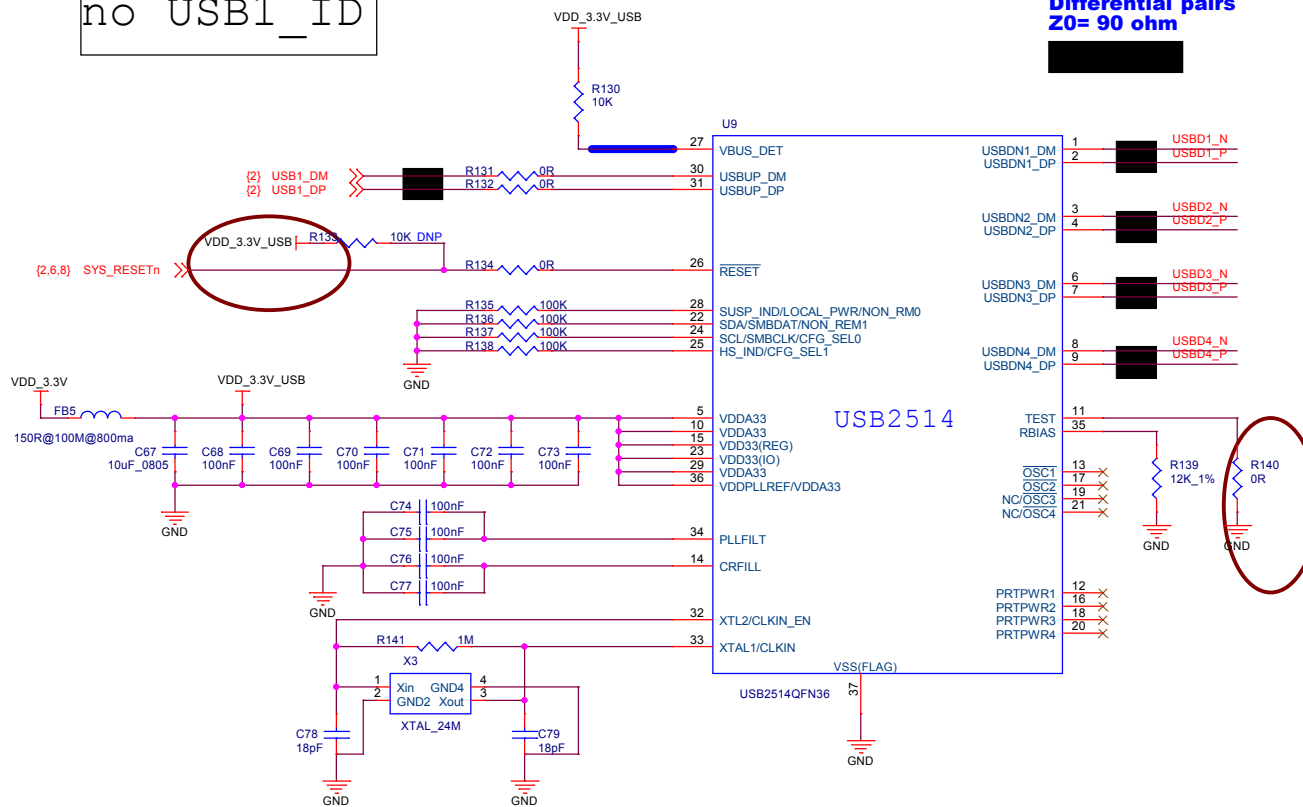




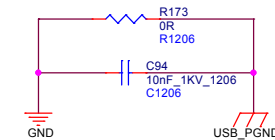
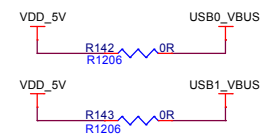
Audio
Headphone Out

MIC


```
no USB1_ID
```



USB0_DRVVBUS、USB1_DRVVBUS
in ET-SOM335X PAGE4



OTG

