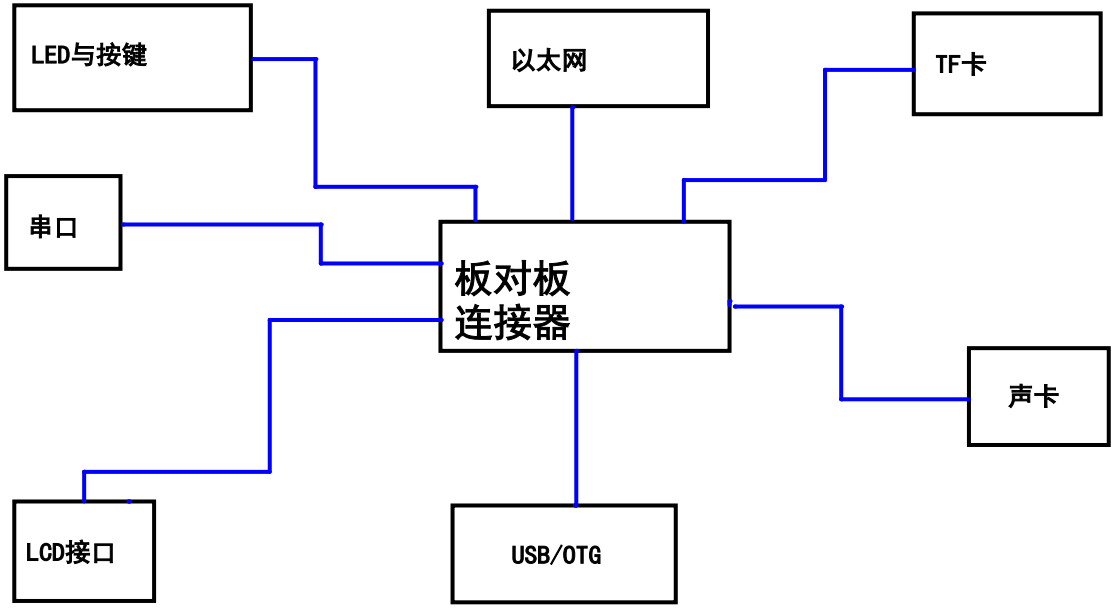
BLOCK DIAGRAM



REVISION HISTORY

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

Schematics Index:

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

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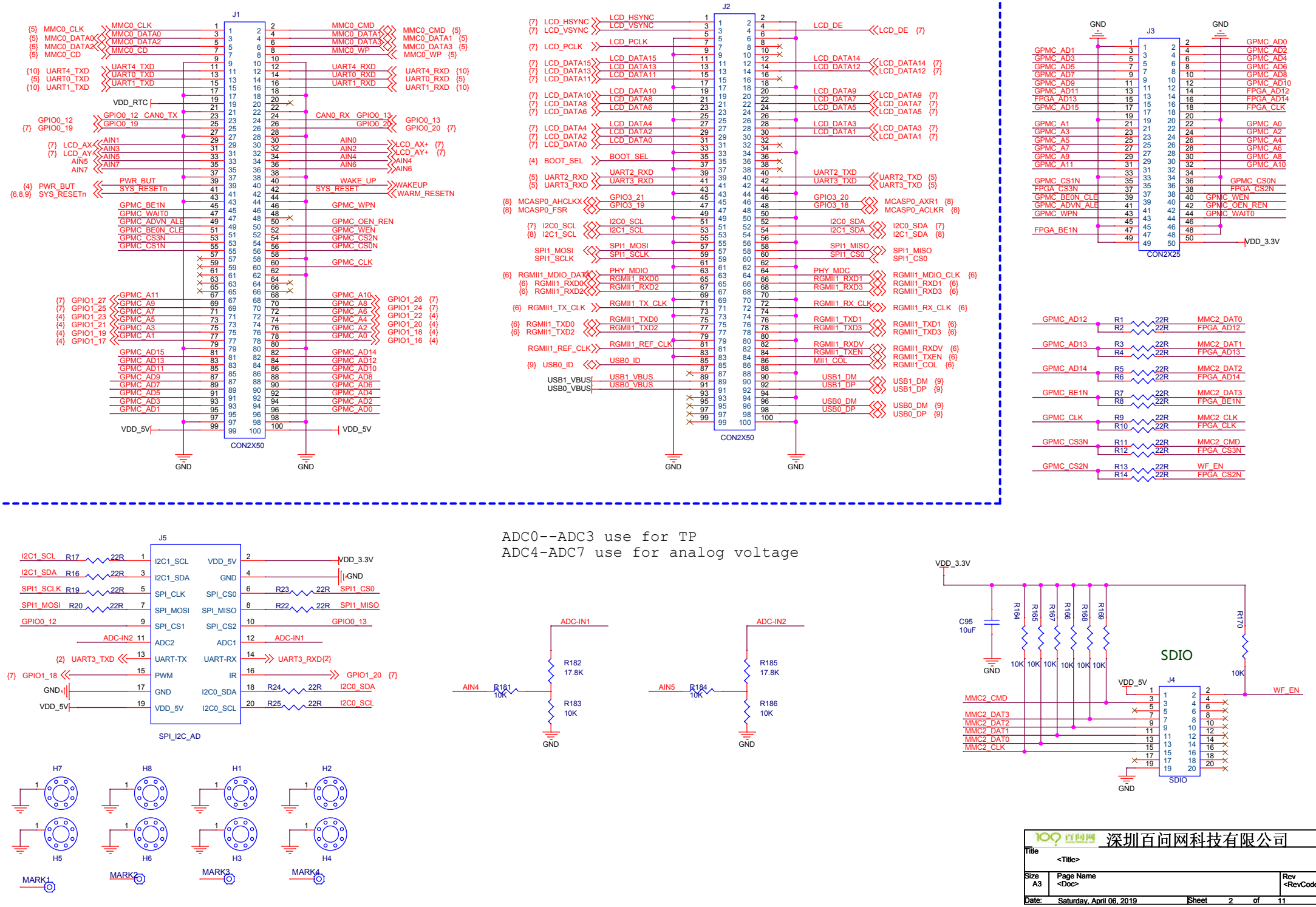
J1
CON2X50
J2
CON2X50
J3
CON2X25
J5
SPI_I2C_AD
ADC0--ADC3 use for TP
ADC4-ADC7 use for analog voltage
SDIO
H7
H8
H1
H2
H5
H6
H3
H4
MARK1
MARK2
MARK3
MARK4
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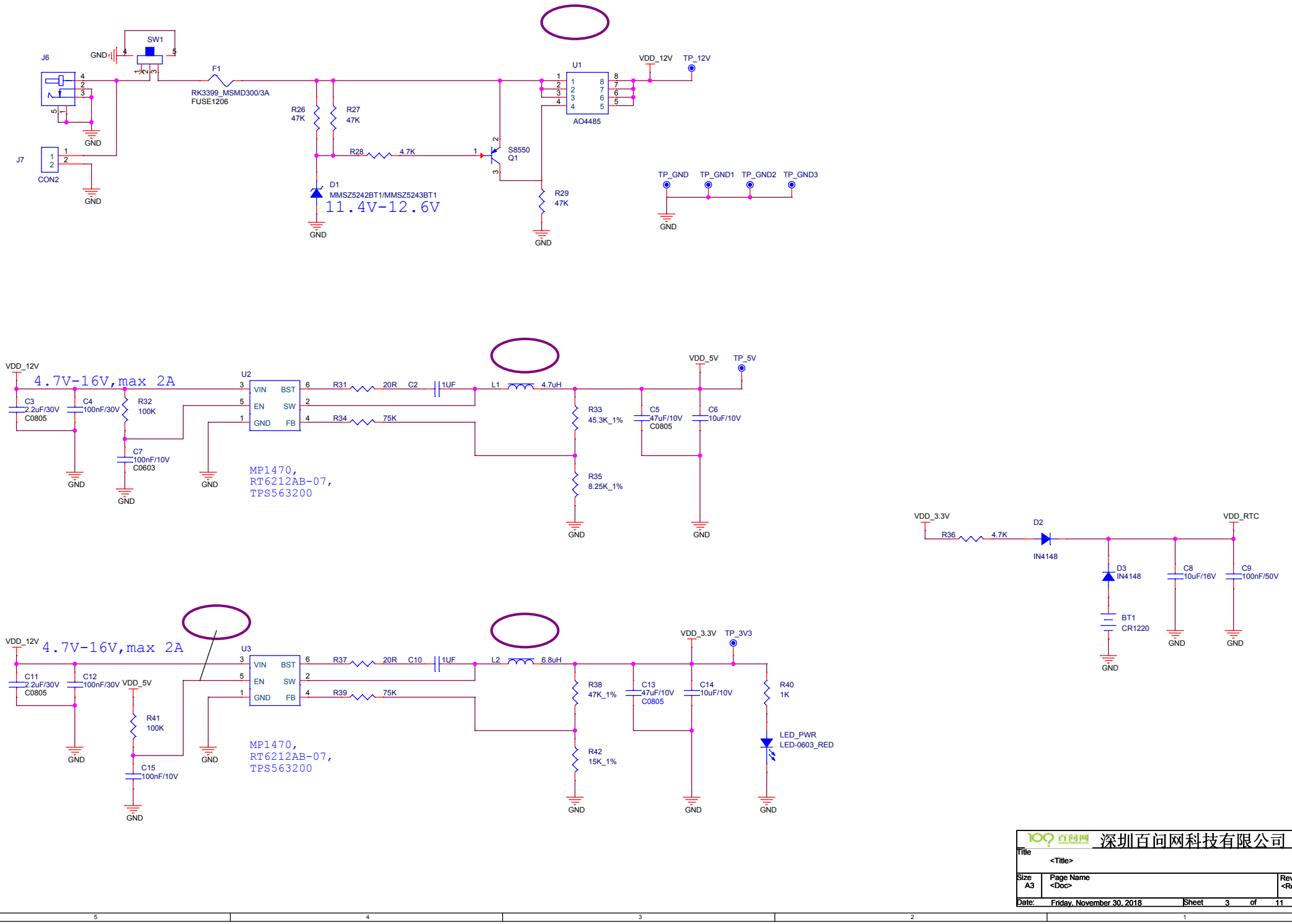

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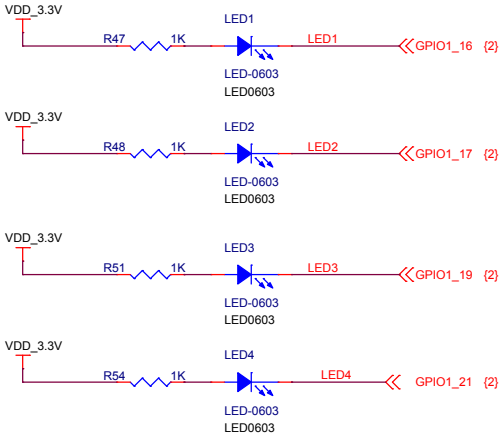
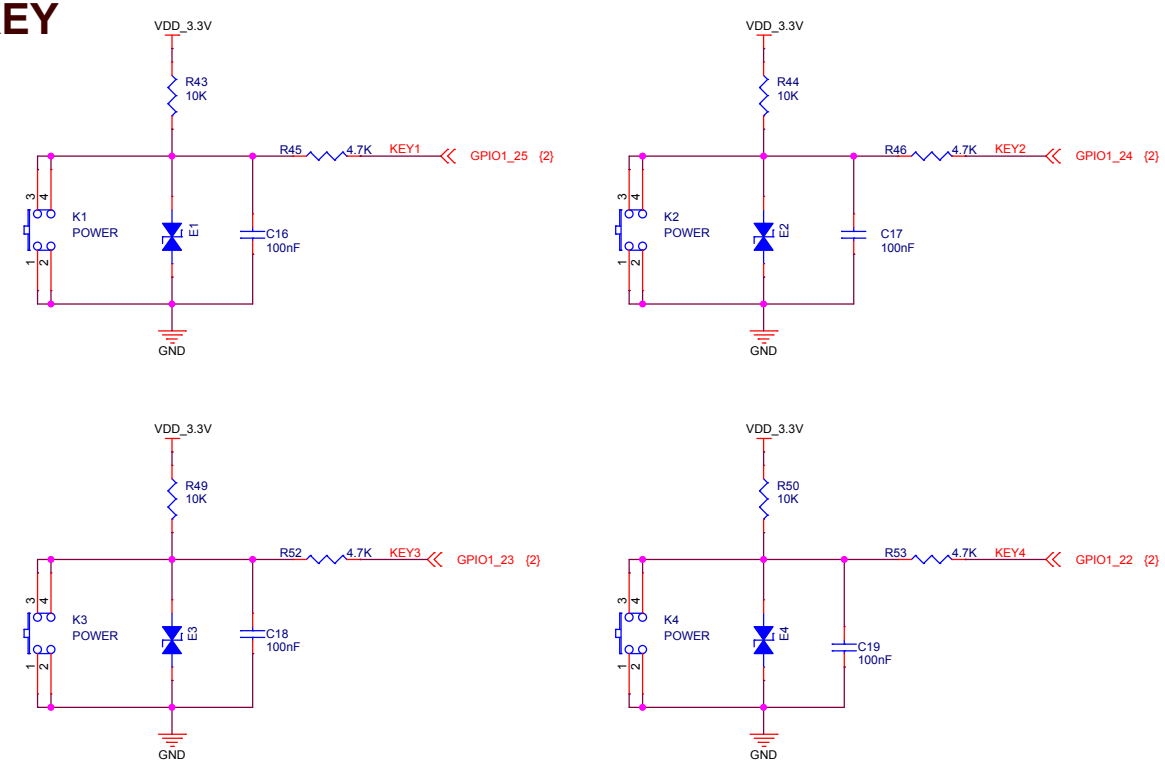
LED



GPIO0_12 {2}
GPIO0_13 {2}
GPIO0_19 {2,7}
GPIO0_20 {2,7}

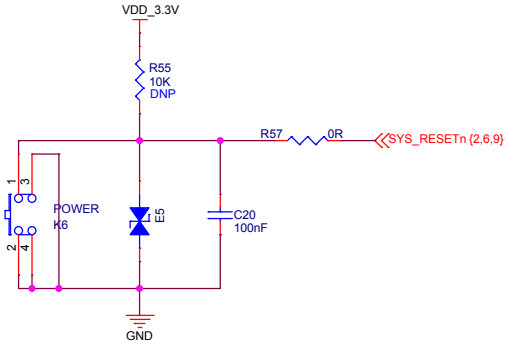
use for SPI cs, also can use for DCAN0
use for CTP

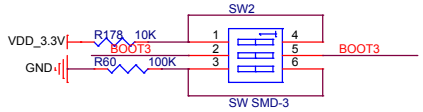
KEY



GPIO1_24 {2,7}
GPIO1_25 {2,7}
GPIO1_26 {2,7}

use for LCD





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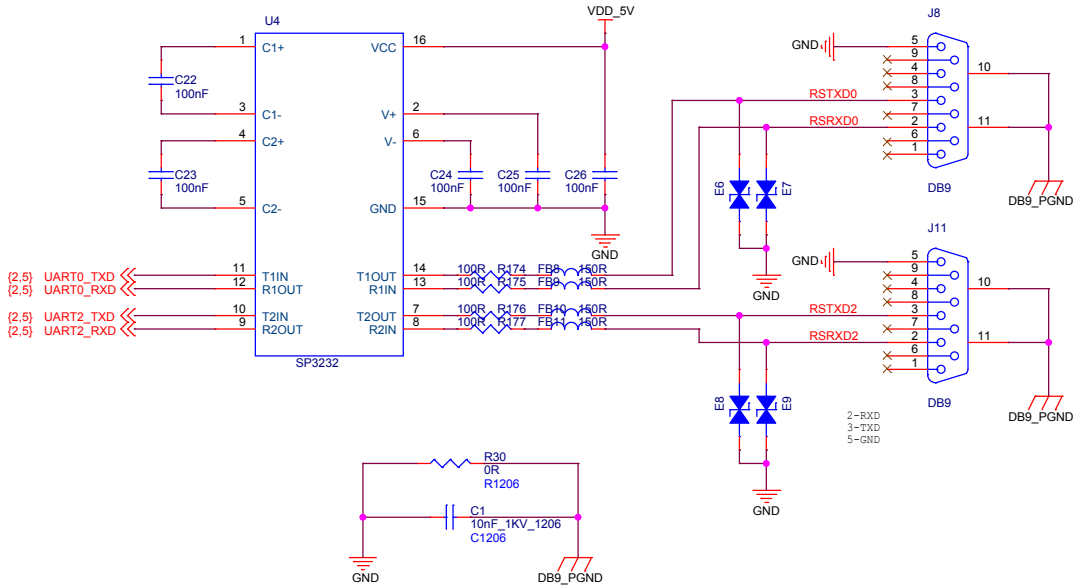
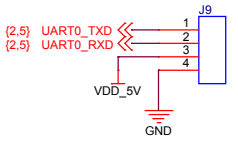
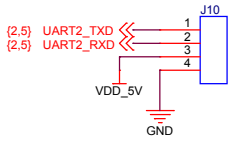
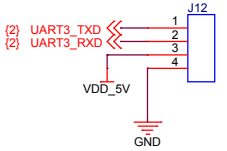
Uart







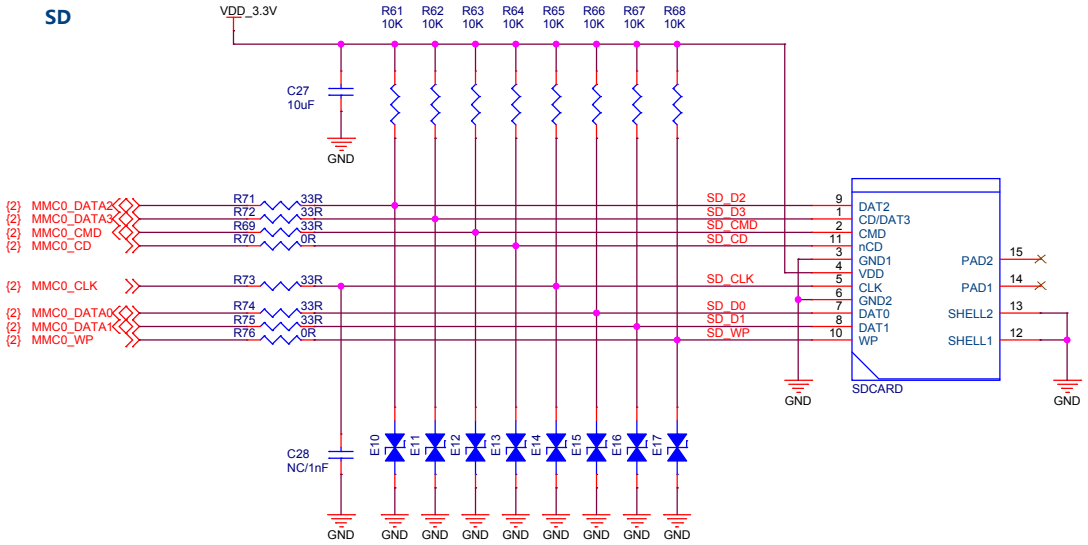


UART

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

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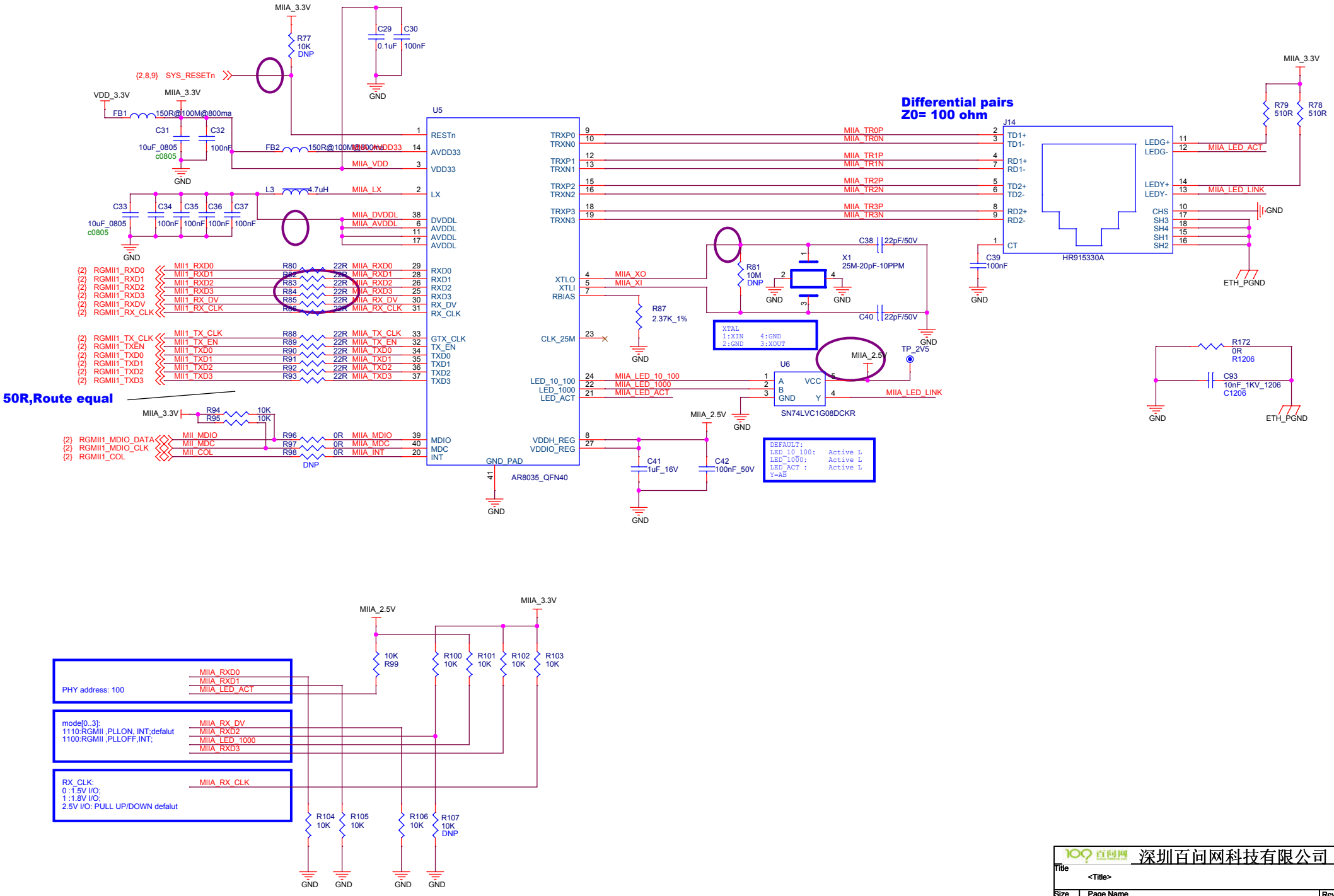

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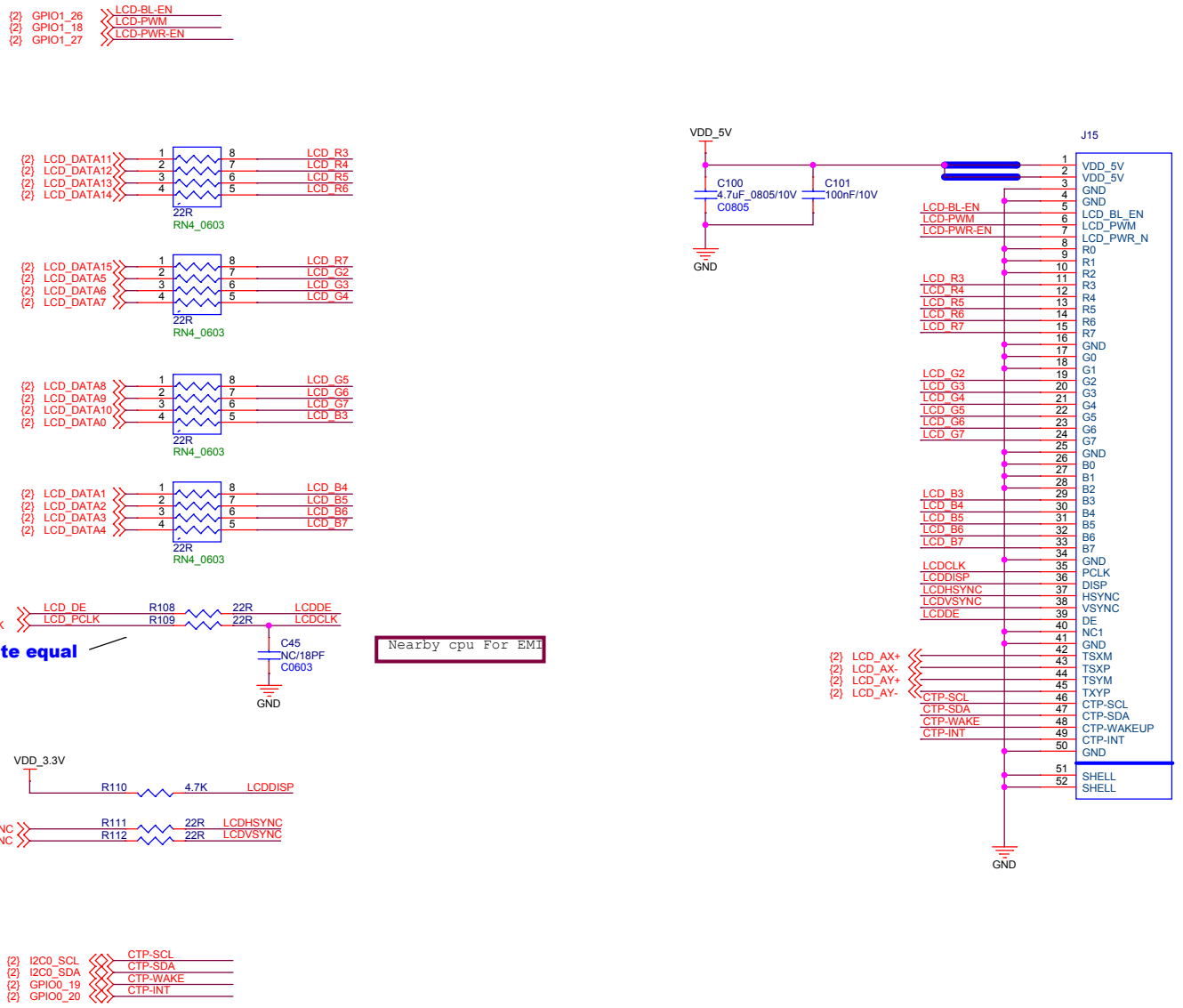

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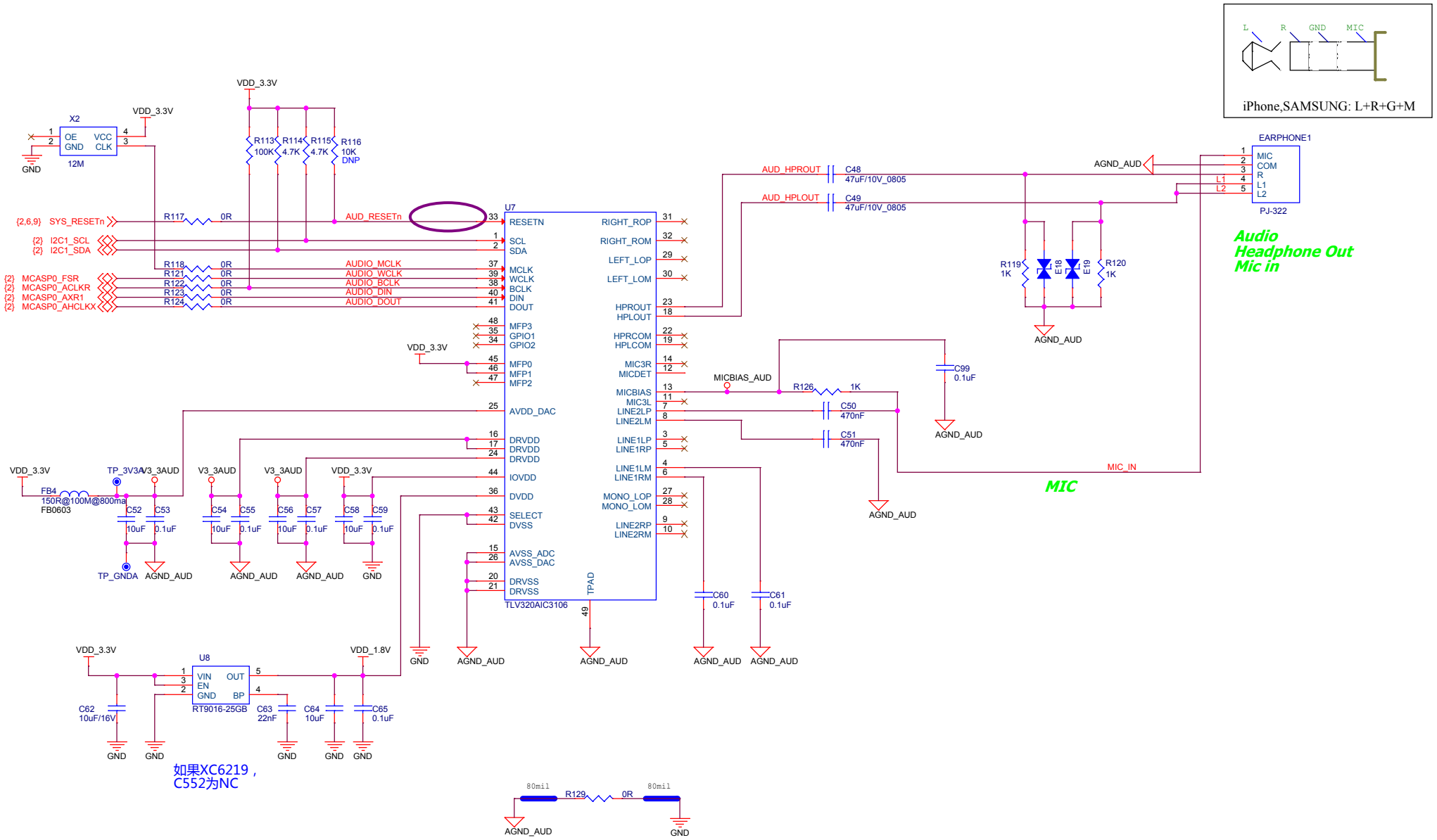

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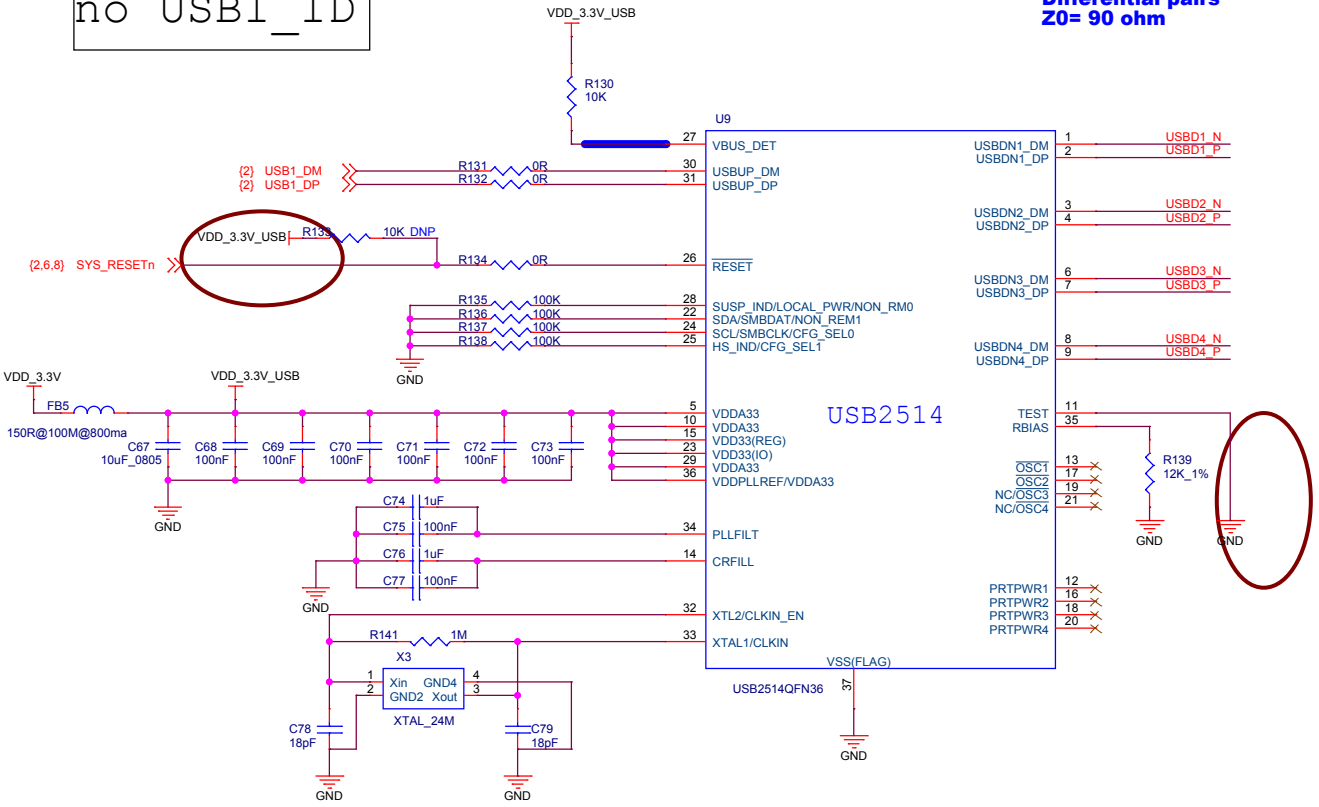
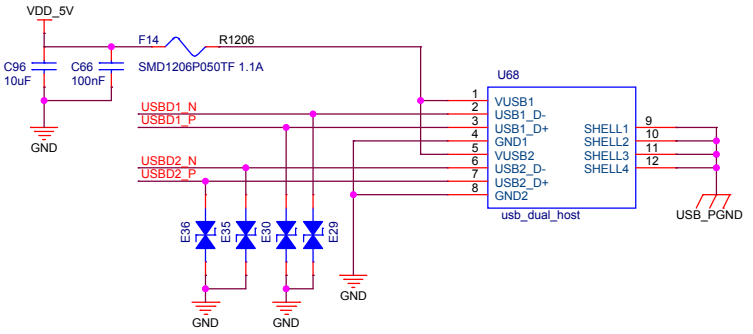
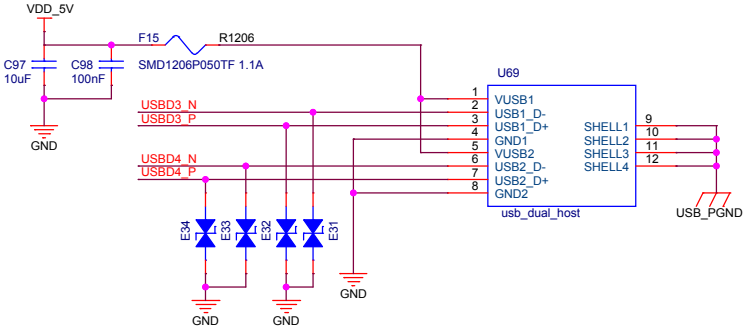
no USB1_ID

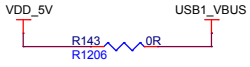
Differential pairs
Z0= 90 ohm

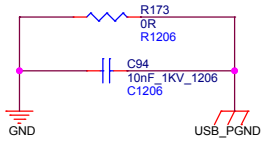




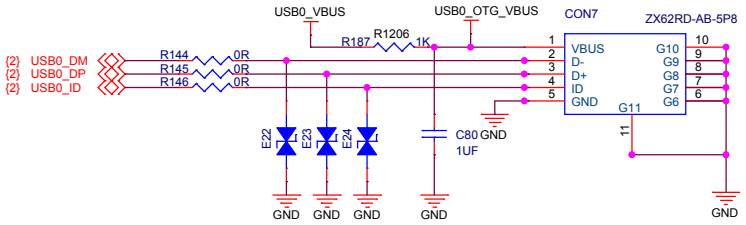


USB0_DRVVBUS 、 USB1_DRVVBUS
in ET-SOM335X PAGE4





OTG



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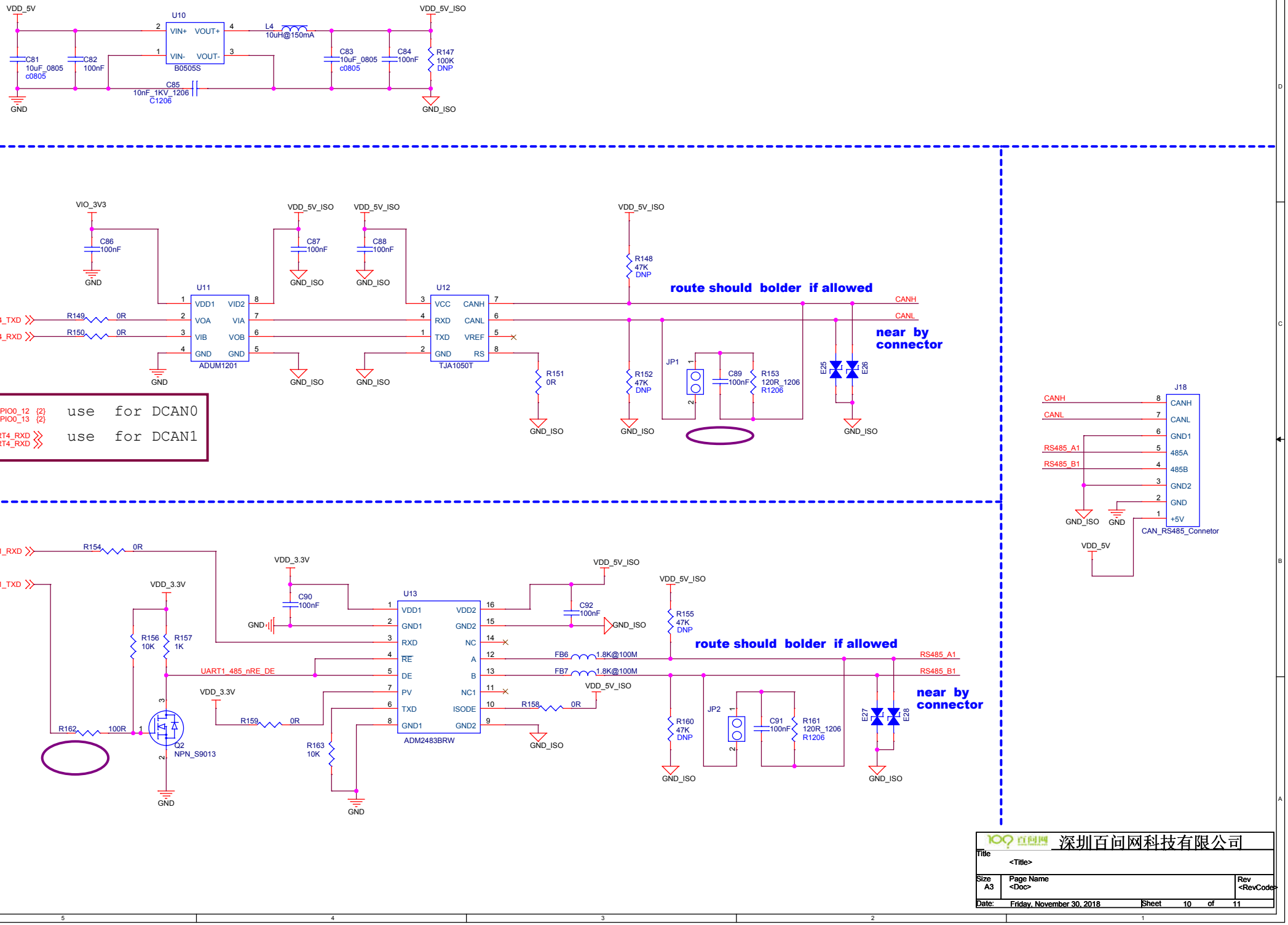

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