


Revision History

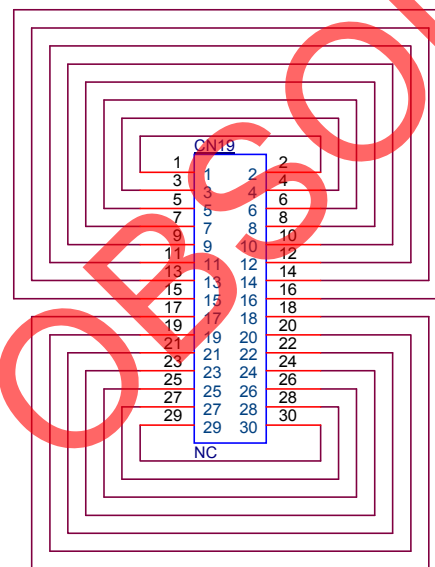
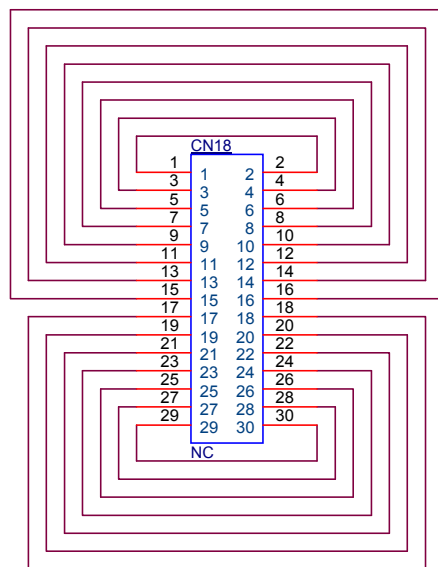
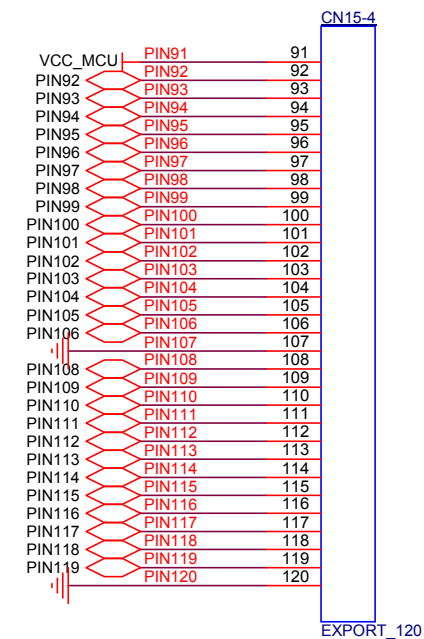
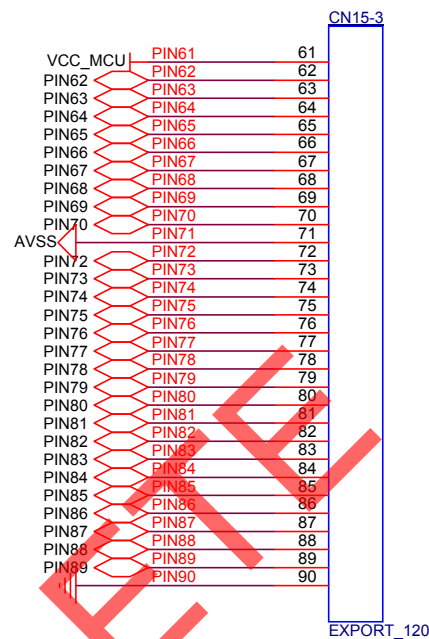
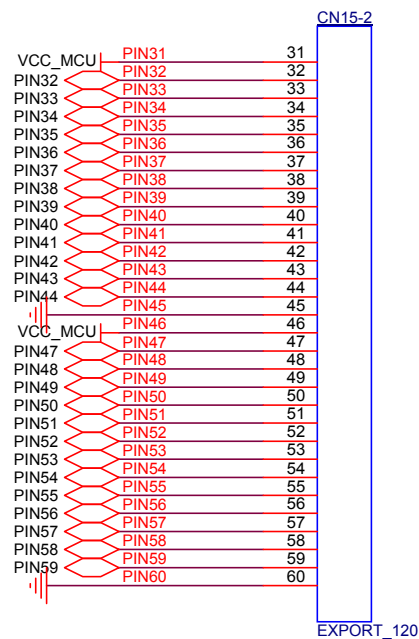
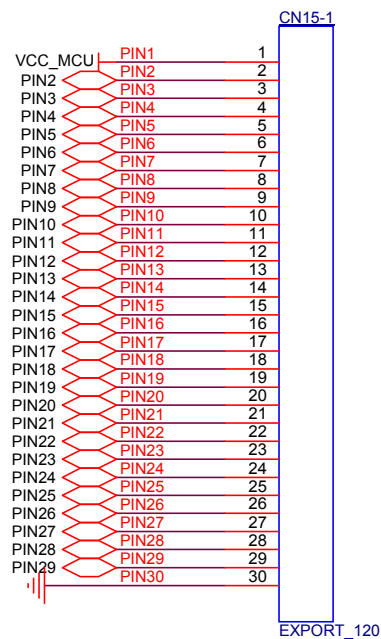
Version	Date	Updated by	Approved by
1.0.0	2013-06-17	Rex Cao	
2.0.0	2014-03-18	Rex Cao	

- Modifications
- First draft
1. Smart Card
Modify the circuit
 2. Joy Stick
Adjust the resistance value
 3. LCM
Remove the TFT LCD part
Change MCSX8_0 to MCSX1_0
Add Pin78 to control the LEDK of U3
 4. SPI IF
Exchange the SI and SO signal of the SPI chip
 5. Phonejack
Add Pin37 for BT input of QPRC
Remove R67
 6. LIN
Remove SW2, Add PIN15 to contrl NSLP of U9
 7. Rename "TSC IF" to "Multicon"
 8. Rearrange some parts no.

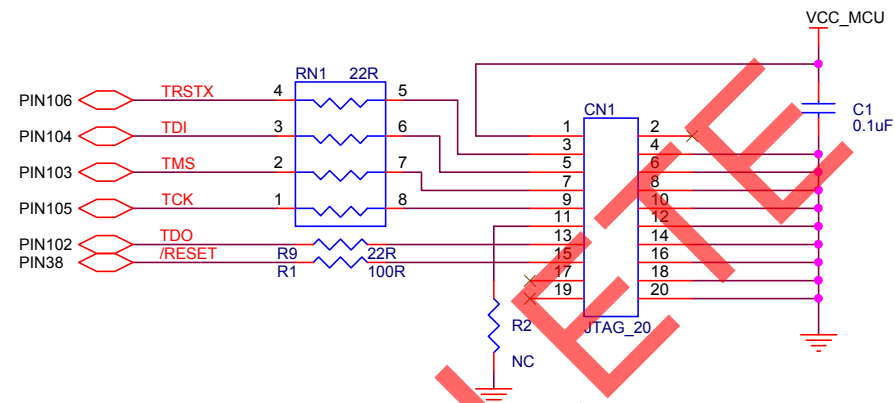
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A4	Cover		V2.0.0
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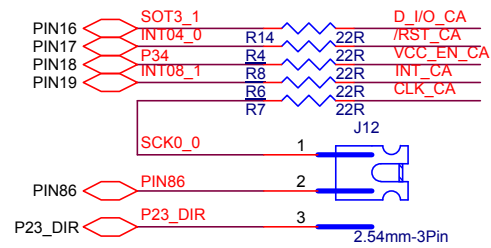


CN18, CN19:
Only for test function

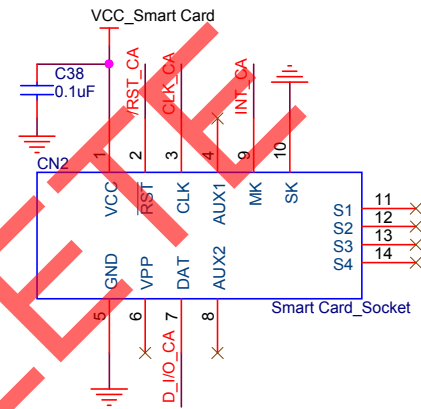
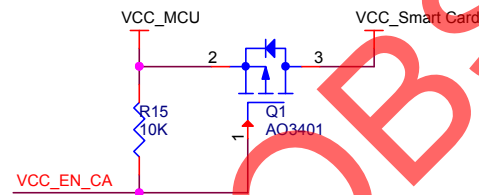
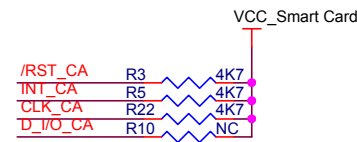


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J12:
PIN2 to PIN1: Used for SCK of Smart Card
PIN2 to PIN3: Used for lever shift DIR control



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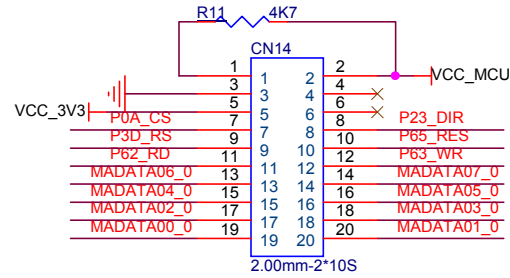
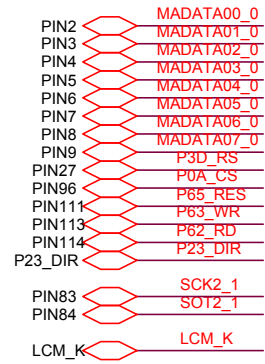
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Smart Card

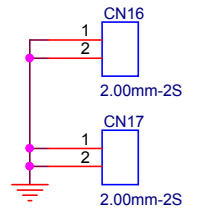
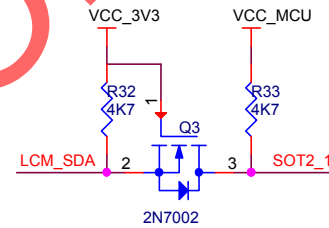
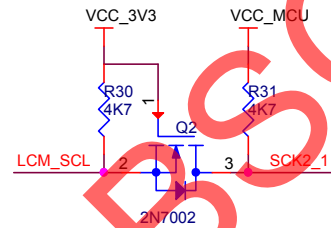
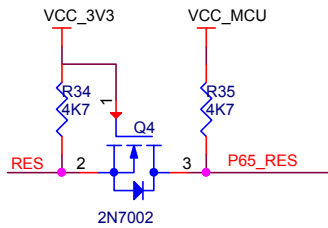
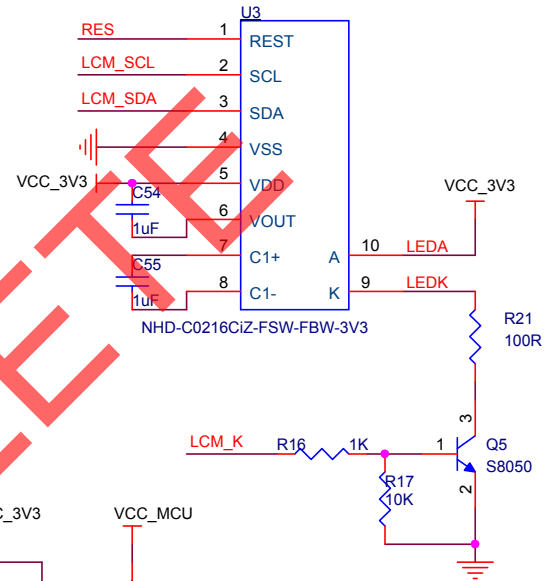
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CN14:
Connect to FMFB-LCM Board



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LCM

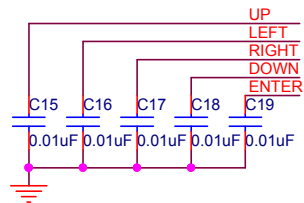
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PIN77  P1B R24 0R COMMON



VCC_MCU

R23 120R

RIGHT

R25 1K

ENTER

R26 2K2

DOWN

R27 3K9

LEFT

R28 13K

UP

UP
LEFT
RIGHT
DOWN
ENTER

SW1

DOWN
RIGHT
LEFT
UP
ENTER
COMMON

COMMON

R29 4K7

SW-5way

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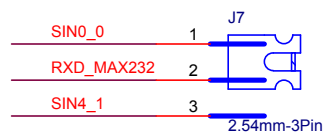
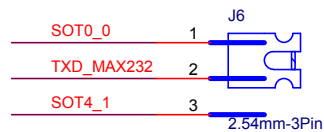
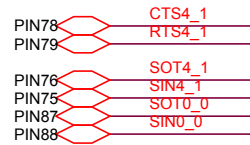
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Joy Stick

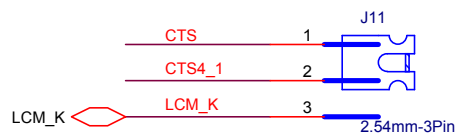
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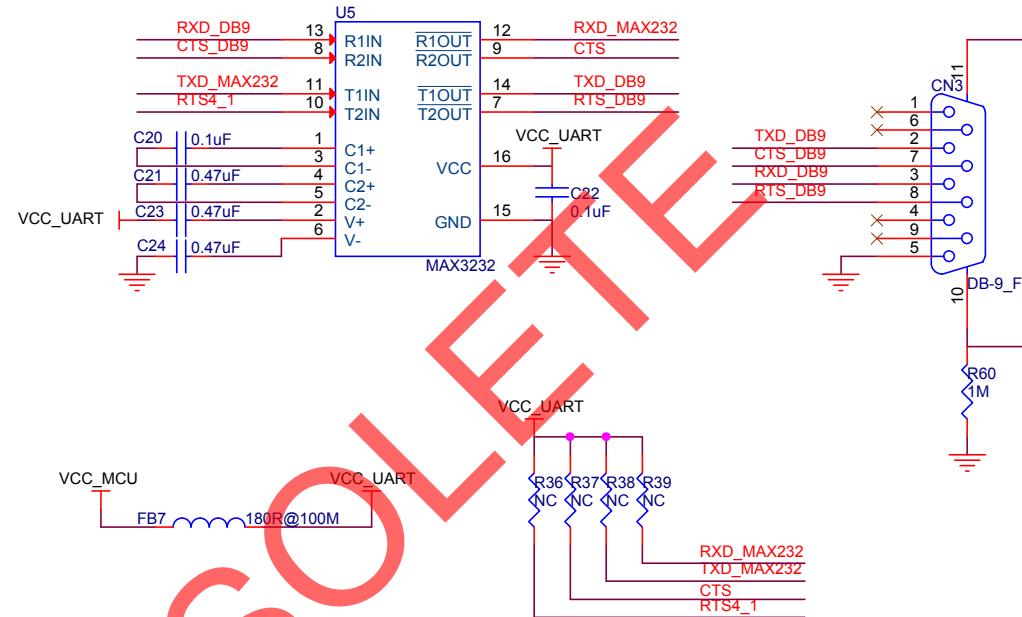
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J6, J7:
IO Port select of UART



J11:
PIN2 to PIN1: Used for RS232 CTS
PIN2 to PIN3: Used for LCM backlight control



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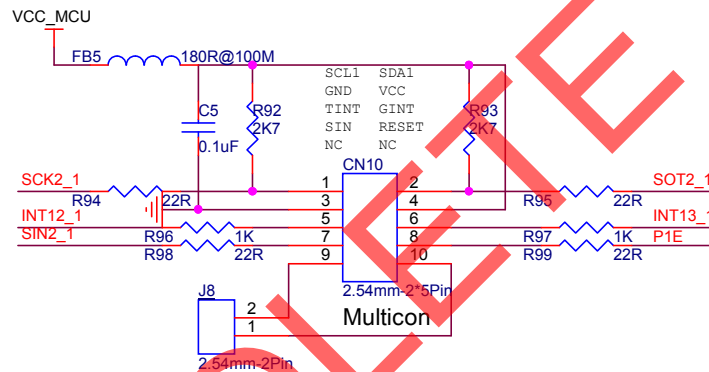
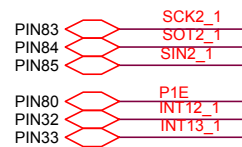
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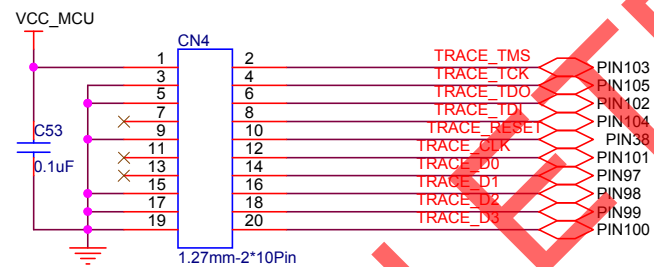
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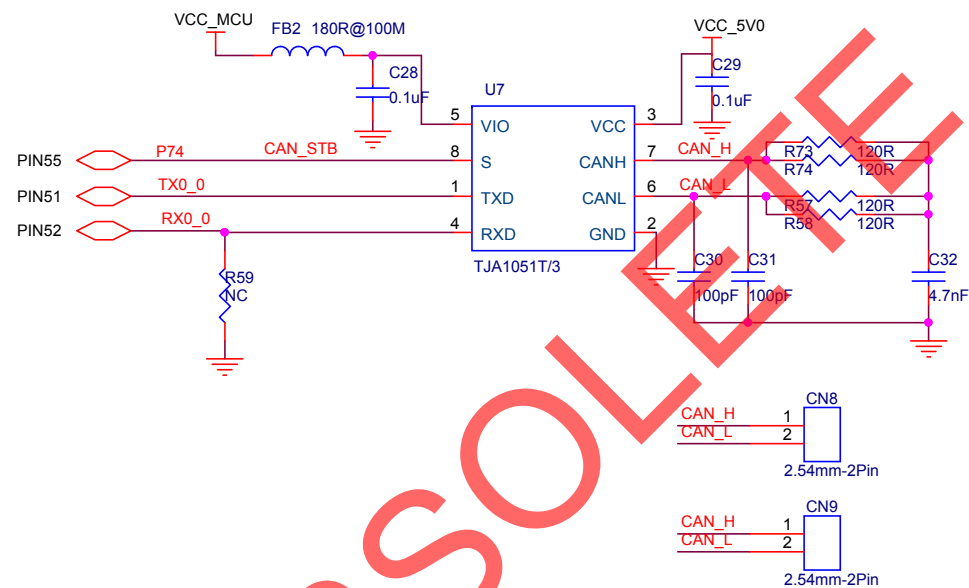
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TRACE

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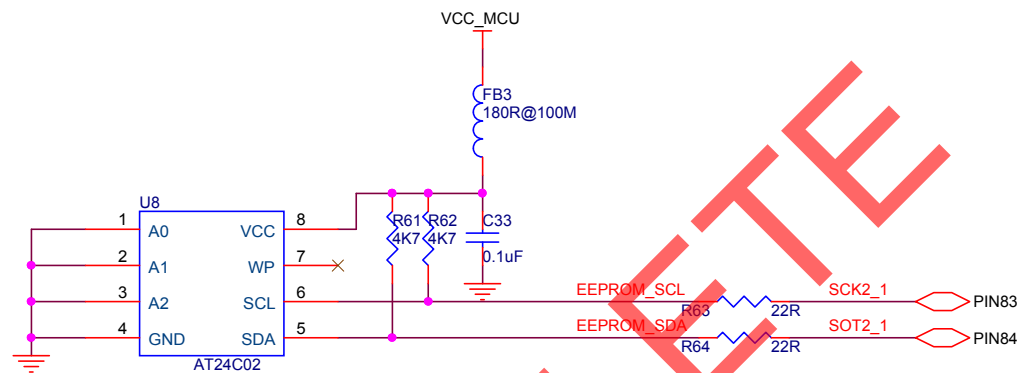
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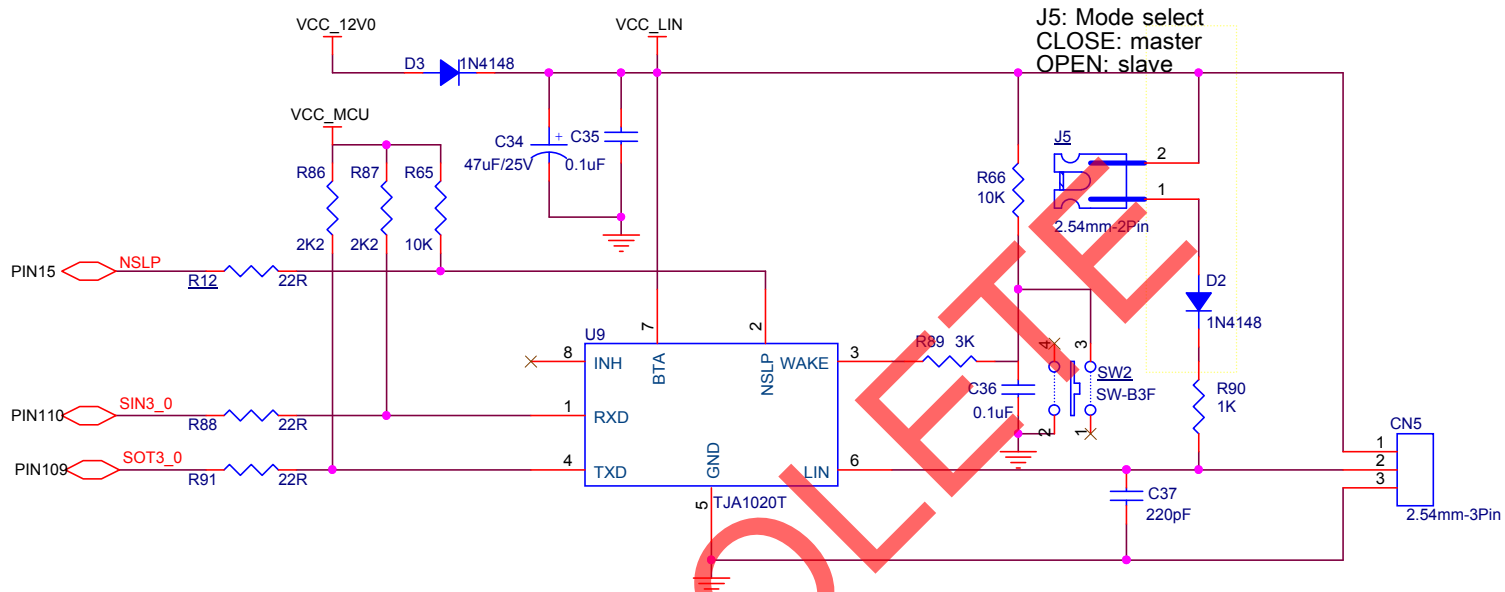
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EEPROM

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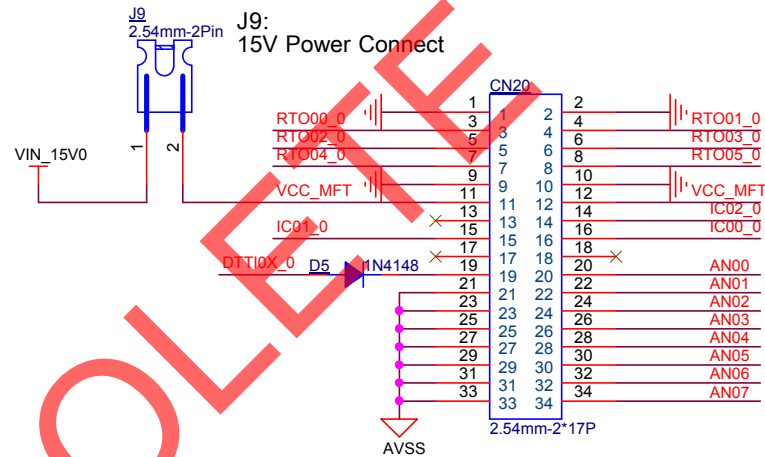
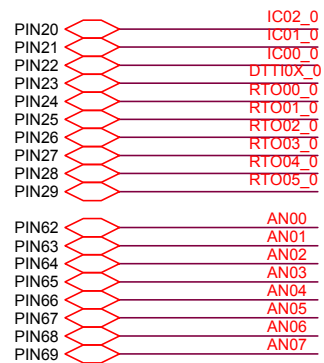
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LIN

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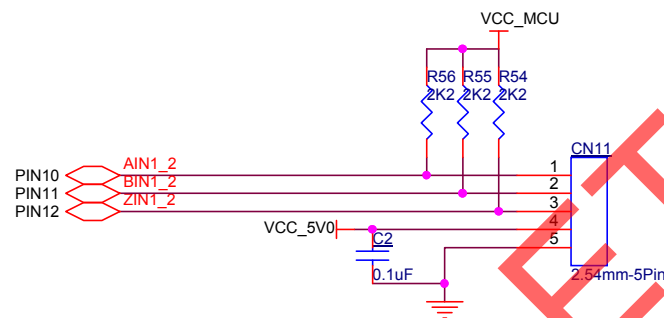
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MotorDrive

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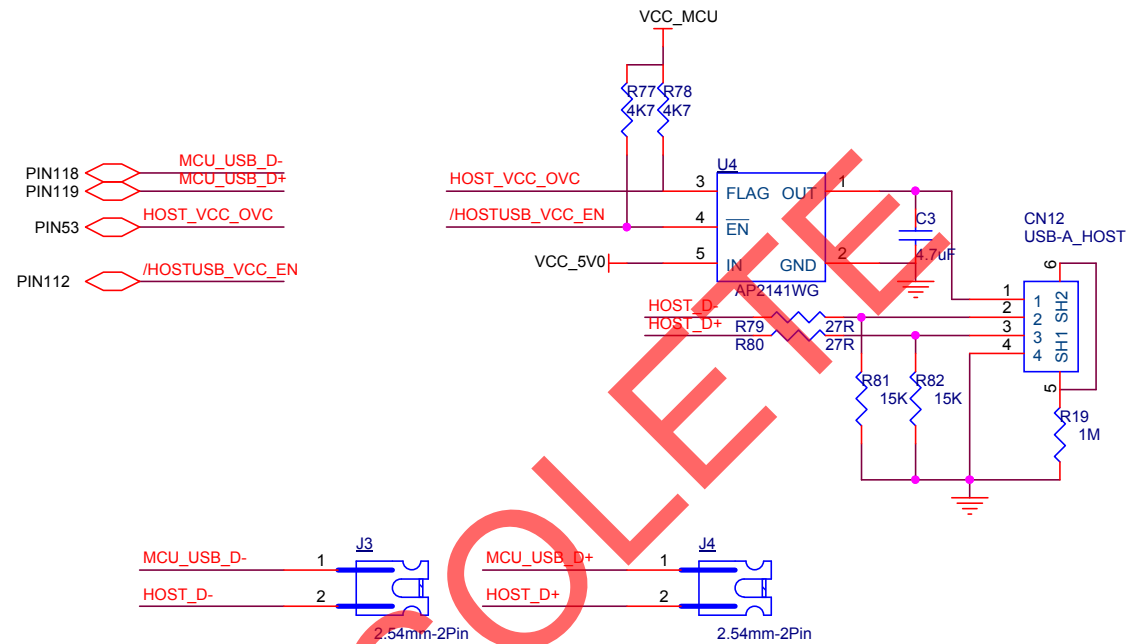
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BT input of QPRC pls refer to J10 on Phonejack page

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J3, J4:
Host: CLOSED
Function: OPEN

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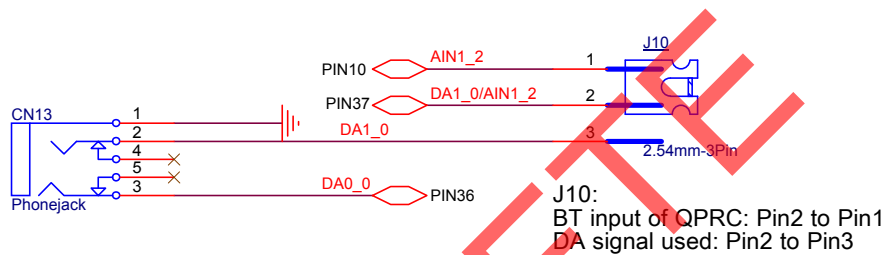
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USB


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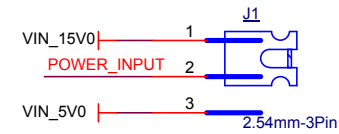
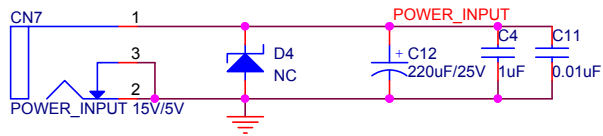
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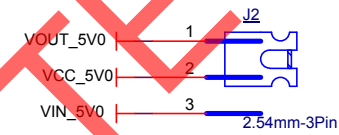
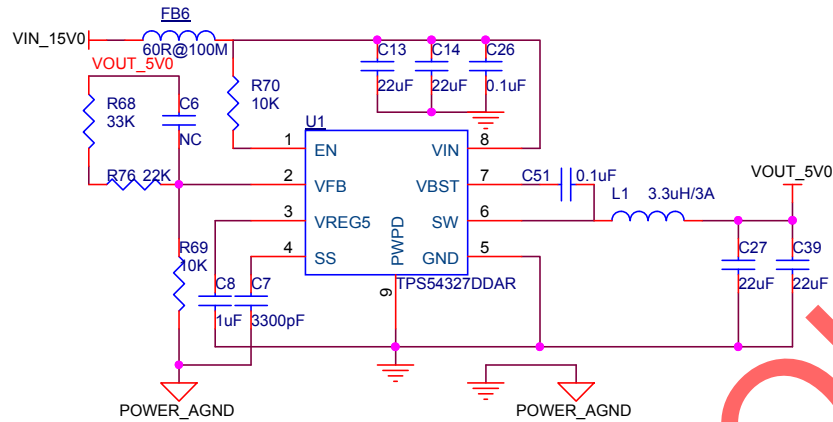


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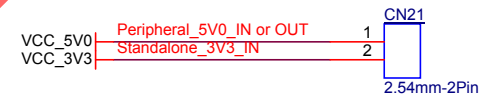
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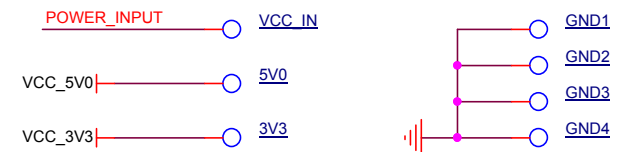
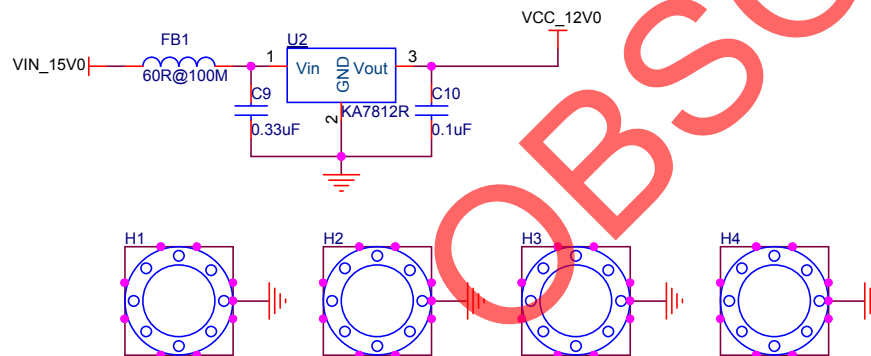
J1: Power value select of CN7 input



J2: 5V Power source select



CN21: Conect to Standalone Board For 5V Input or 5VOutput or 3V3 Input



TEST POINT

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