

TX510模块

U1
HLK_TX510

1 DPU_DPL_PCLK
2 DPU_DPL_DE
3 DPU_DPL_CM
4 DPU_DPL_CS
5 DPU_DPL_D0
6 DPU_DPL_D1
7 DPU_DPL_D2
8 DPU_DPL_D3
9 DPU_DPL_D4
10 DPU_DPL_D5
11 DPU_DPL_D6
12 DPU_DPL_D7
13 DPU_DPL_D8
14 DPU_DPL_D9
15 DPU_DPL_D10
16 DPU_DPL_D11
17 DPU_DPL_D12
18 DPU_DPL_D13
19 DPU_DPL_D14
20 DPU_DPL_D15
21 DPU_DPL_D16
22 DPU_DPL_D17
23 DPU_DPL_D18
24 DPU_DPL_D19
25 DPU_DPL_D20
26 DPU_DPL_D21
27 DPU_DPL_D22
28 DPU_DPL_D23

29 CK805_JTG_TCK
30 CK805_JTG_TMS
31 CK805_UART_RXD
32 CK805_UART_TXD
33 I2C3_SDA
34 I2C3_SCL
35 US11_SDO
36 US11_SDI
37 US11_SCLK
38 UART1_TXD
39 UART1_RXD
40 US10_SDO
41 US10_SDI
42 LCD_BLEN
43 VDD_LCDEN
44 UART0_TXD
45 UART0_RXD
46 I2C0_SCL
47 I2C0_SDA
48 I2C1_SCL
49 I2C1_SDA
50 GND
51 MIPI3_DATAP3
52 MIPI3_DATAN3
53 MIPI3_DATAP0
54 MIPI3_DATAN0
55 MIPI3_CLKP
56 MIPI3_CLKN

112 1V8_VDD
111 VDD_5V0
110 GND
109 CK804_JTG_TCK
108 CK804_JTG_TMS
107 JTAG_NRST
106 GND
105 5V_VDD
104 5V_VDD
103 1V8_VDD
102 GND
101 RGB_PWRDN
100 STROBE
99 SW1
98 SW2
97 IR_RST
96 LCD_RESET
95 RGB_RST
94 AOGPIO0
93 AOGPIO0
92 VDD_2.8V_EN
91 GND
90 CLK_24MHZ_3
89 GND
88 MIPI0_DATAN0
87 MIPI0_DATAP0
86 MIPI0_CLKN
85 MIPI0_CLKP

CLK_24MHZ_1
CK805_JTG_TCK
CK805_JTG_TMS
CK805_UART_RXD
CK805_UART_TXD
I2C3_SDA
I2C3_SCL
US11_SDO
US11_SDI
US11_SCLK
UART1_TXD
UART1_RXD
US10_SDO
US10_SDI
PWM_CH0
PWM_CH2
UART0_TXD
UART0_RXD
I2C0_SCL
I2C0_SDA
I2C1_SCL
I2C1_SDA
GND
MIPI3_DATAP3
MIPI3_DATAN3
MIPI3_DATAP0
MIPI3_DATAN0
MIPI3_CLKP
MIPI3_CLKN

DPU_DPL_VSYNC
DPU_DPL_HSYNC
DPU_DPL_SD
CK804_JTG_TCK
CK804_JTG_TMS
JTAG_NRST
GND
5V_VDD
5V_VDD
1V8_VDD
GND
AOGPIO8
AOGPIO3
AOGPIO2
AOGPIO9
AOGPIO7
AOGPIO5
AOGPIO4
AOGPIO1
AOGPIO0
AOGPIO11
GND
CLK_24MHZ_3
GND
MIPI0_DATAN0
MIPI0_DATAP0
MIPI0_CLKN
MIPI0_CLKP

MIPI0_DATAN1
MIPI0_DATAP1
GND
MIPI1_DATAN0
MIPI1_DATAP0
MIPI1_CLKN
MIPI1_CLKP
MIPI1_DATAN1
MIPI1_DATAP1
GND
MIPI2_DATAN0
MIPI2_DATAP0
MIPI2_CLKN
MIPI2_CLKP
MIPI2_DATAN1
MIPI2_DATAP1
ADC_CH2
ADC_CH1
DP0
DM0
USB_ID
DRVVBUS
VBUS_HOST
GND
MIPI3_DATAN2
MIPI3_DATAP2
MIPI3_DATAN1
MIPI3_DATAP1

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MIPI1_DATAN0
MIPI1_DATAP0
MIPI1_CLKN
MIPI1_CLKP
MIPI1_DATAN1
MIPI1_DATAP1
GND
MIPI2_DATAN0
MIPI2_DATAP0
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MIPI2_CLKP
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MIPI2_DATAP1
ADC_CH2
ADC_CH1
DP0
DM0
USB_ID
DRVVBUS
VBUS_HOST
GND
MIPI3_DATAN2
MIPI3_DATAP2
MIPI3_DATAN1
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MIPI1_DATAN0
MIPI1_DATAP0
MIPI1_CLKN
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MIPI1_DATAN1
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GND
MIPI2_DATAN0
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MIPI2_CLKP
MIPI2_DATAN1
MIPI2_DATAP1
ADC_CH2
ADC_CH1
DP0
DM0
USB_ID
DRVVBUS
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MIPI1_DATAN0
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MIPI1_DATAN1
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GND
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ADC_CH2
ADC_CH1
DP0
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USB_ID
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MIPI3_DATAN1
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MIPI1_DATAN0
MIPI1_DATAP0
MIPI1_CLKN
MIPI1_CLKP
MIPI1_DATAN1
MIPI1_DATAP1
GND
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MIPI2_DATAP0
MIPI2_CLKN
MIPI2_CLKP
MIPI2_DATAN1
MIPI2_DATAP1
ADC_CH2
ADC_CH1
DP0
DM0
USB_ID
DRVVBUS
VBUS_HOST
GND
MIPI3_DATAN2
MIPI3_DATAP2
MIPI3_DATAN1
MIPI3_DATAP1

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MIPI1_DATAN0
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MIPI1_CLKN
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MIPI2_CLKN
MIPI2_CLKP
MIPI2_DATAN1
MIPI2_DATAP1
ADC_CH2
ADC_CH1
DP0
DM0
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DRVVBUS
VBUS_HOST
GND
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MIPI3_DATAP1

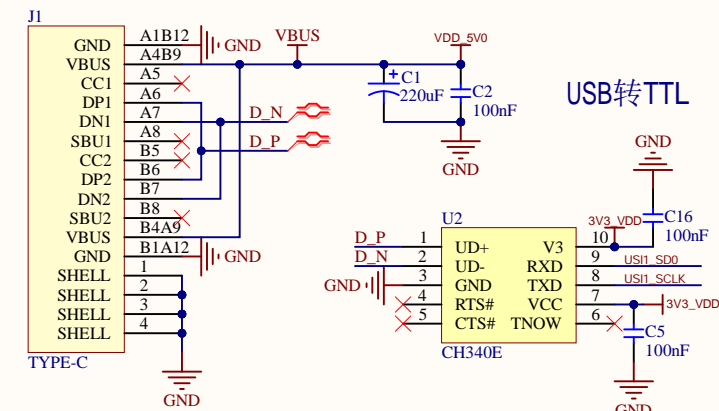
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MIPI1_DATAN0
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MIPI1_DATAN1
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GND
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MIPI2_CLKP
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ADC_CH2
ADC_CH1
DP0
DM0
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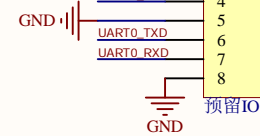
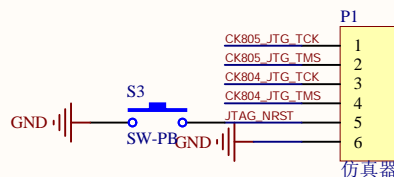
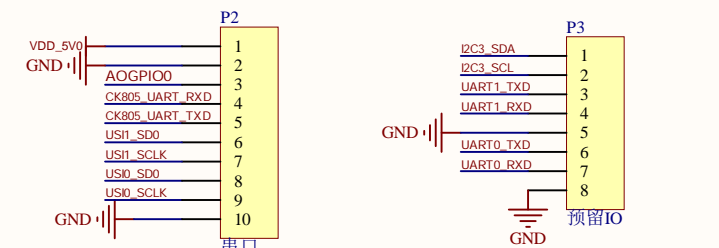
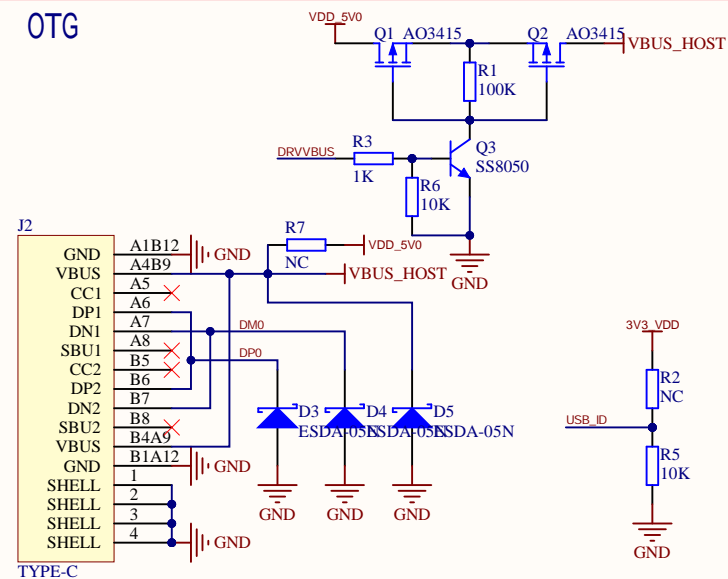
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MIPI1_DATAN0
MIPI1_DATAP0
MIPI1_CLKN
MIPI1_CLKP
MIPI1_DATAN1
MIPI1_DATAP1
GND
MIPI2_DATAN0
MIPI2_DATAP0
MIPI2_CLKN
MIPI2_CLKP
MIPI2_DATAN1
MIPI2_DATAP1
ADC_CH2
ADC_CH1
DP0
DM0
USB_ID
DRVVBUS
VBUS_HOST
GND
MIPI3_DATAN2
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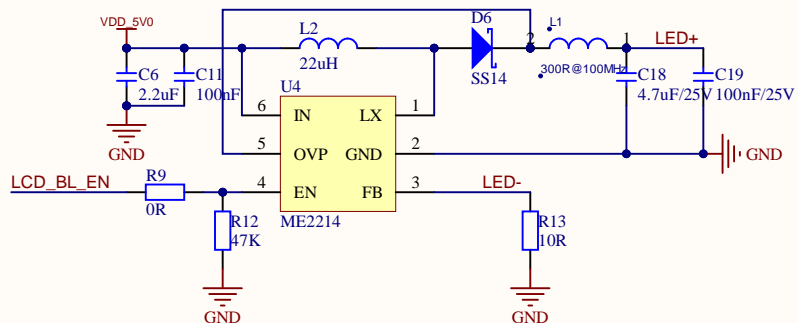
TypeC接口



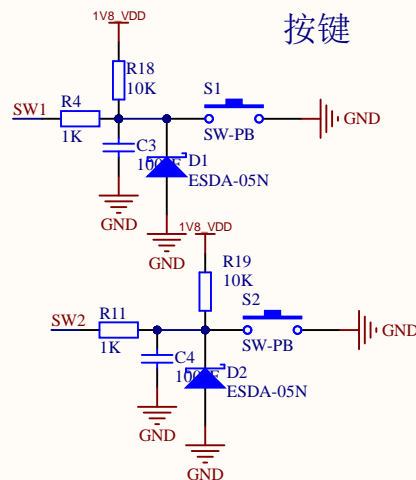
OTG



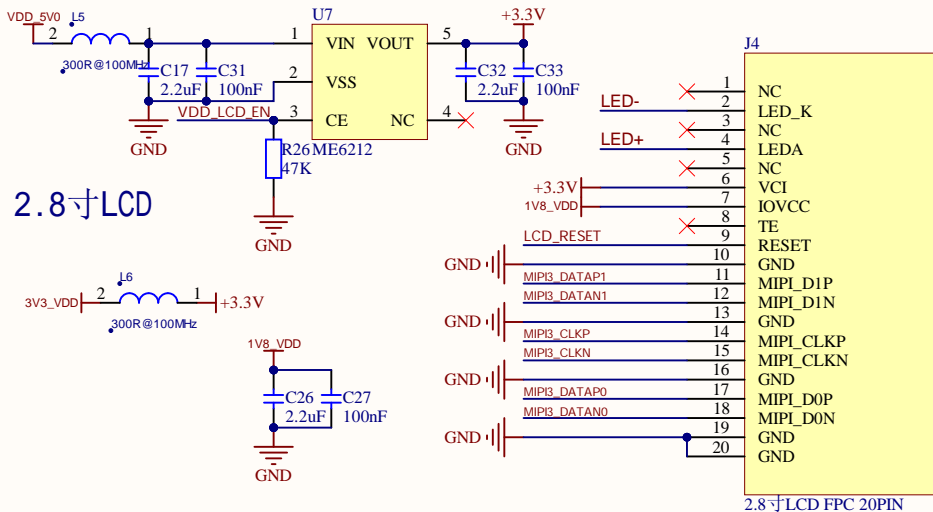
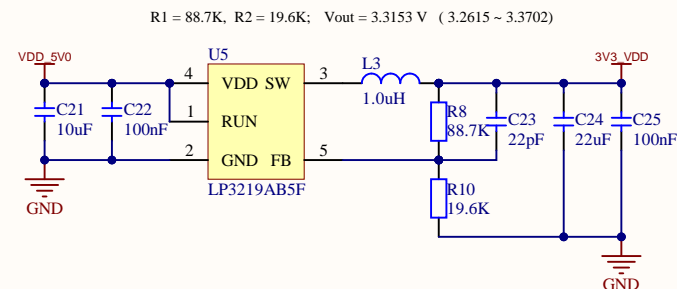
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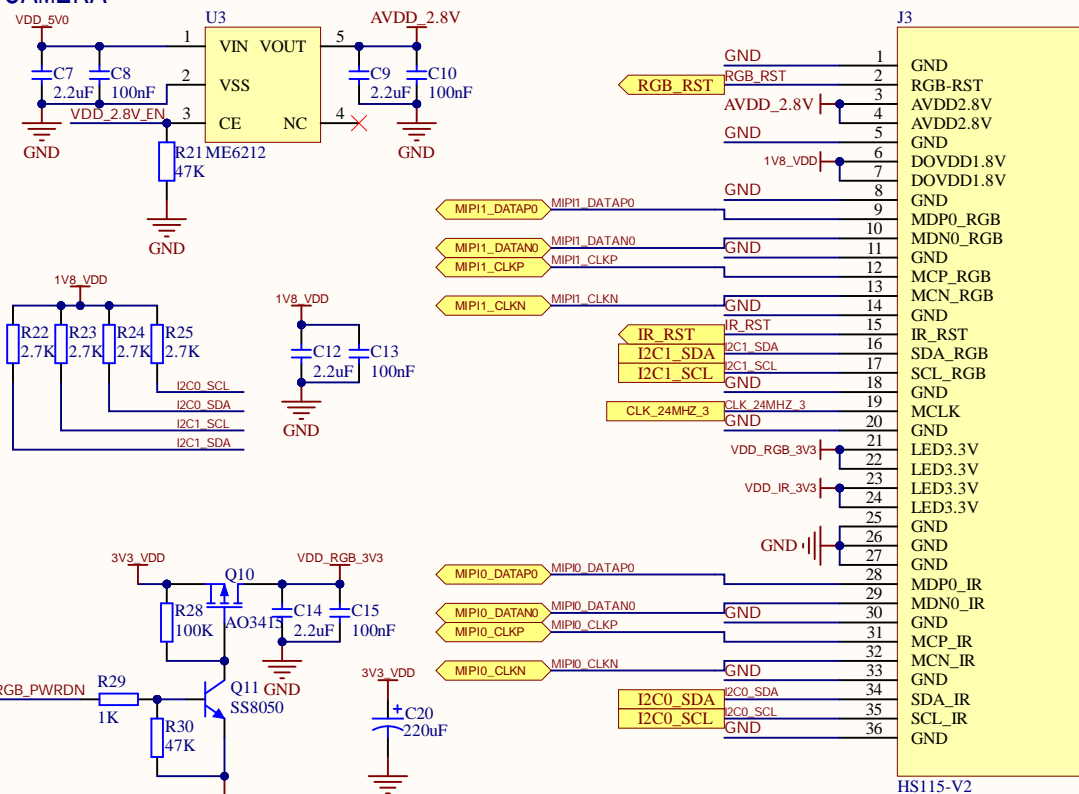
按键



3.3V DCDC



CAMERA



IR_LED

