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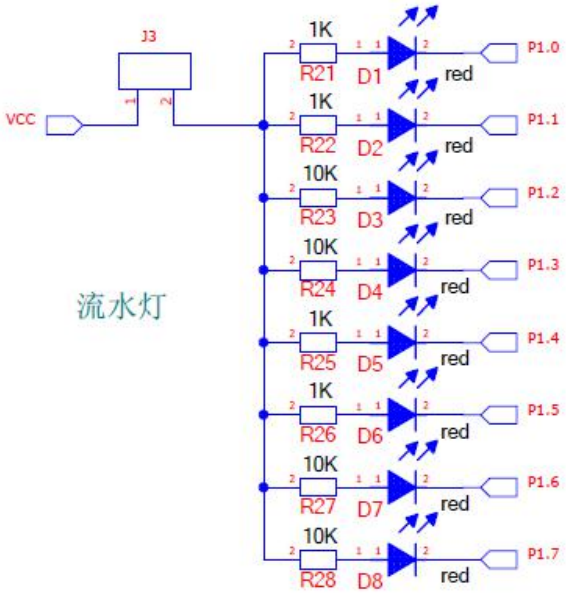
J3
VCC
流水灯
1K
R21
D1
red
P1.0
1K
R22
D2
red
P1.1
10K
R23
D3
red
P1.2
10K
R24
D4
red
P1.3
1K
R25
D5
red
P1.4
1K
R26
D6
red
P1.5
10K
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D7
red
P1.6
10K
R28
D8
red
P1.7

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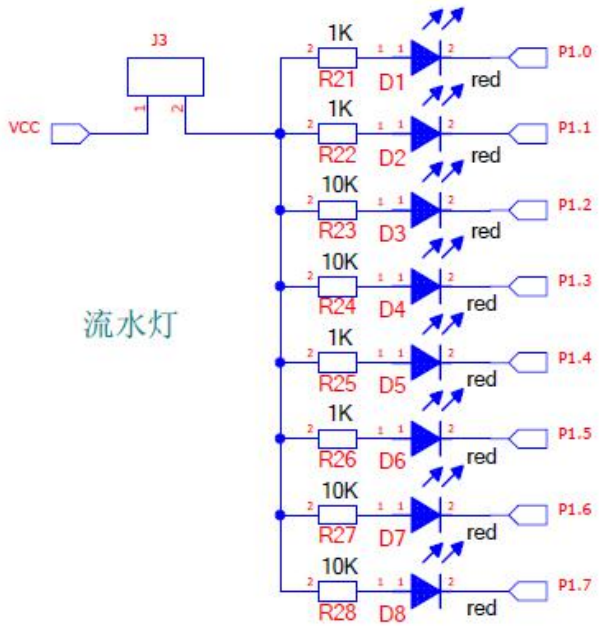
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D1
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1K
R22
D2
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D3
red
P1.2
10K
R24
D4
red
P1.3
1K
R25
D5
red
P1.4
1K
R26
D6
red
P1.5
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D7
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R28
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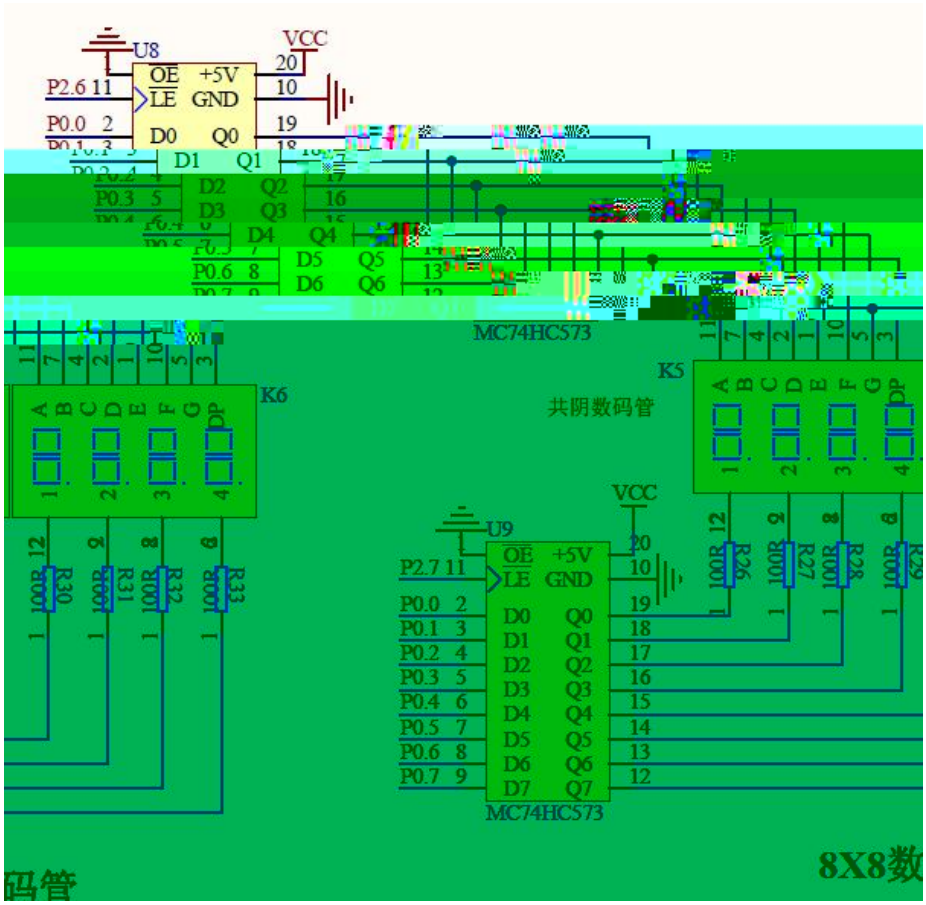
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VCC
OE +5V
LE GND
D0 Q0
D1 Q1
D2 Q2
D3 Q3
D4 Q4
D5 Q5
D6 Q6
P2.6
P0.0
P0.3
P0.6
MC74HC573
K6
K5
共阴数码管
U9
VCC
P2.7
P0.0
P0.1
P0.2
P0.3
P0.4
P0.5
P0.6
P0.7
D7 Q7
MC74HC573
R26
R27
R28
R29
R30
R31
R32
R33
8X8数
码管

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PCB

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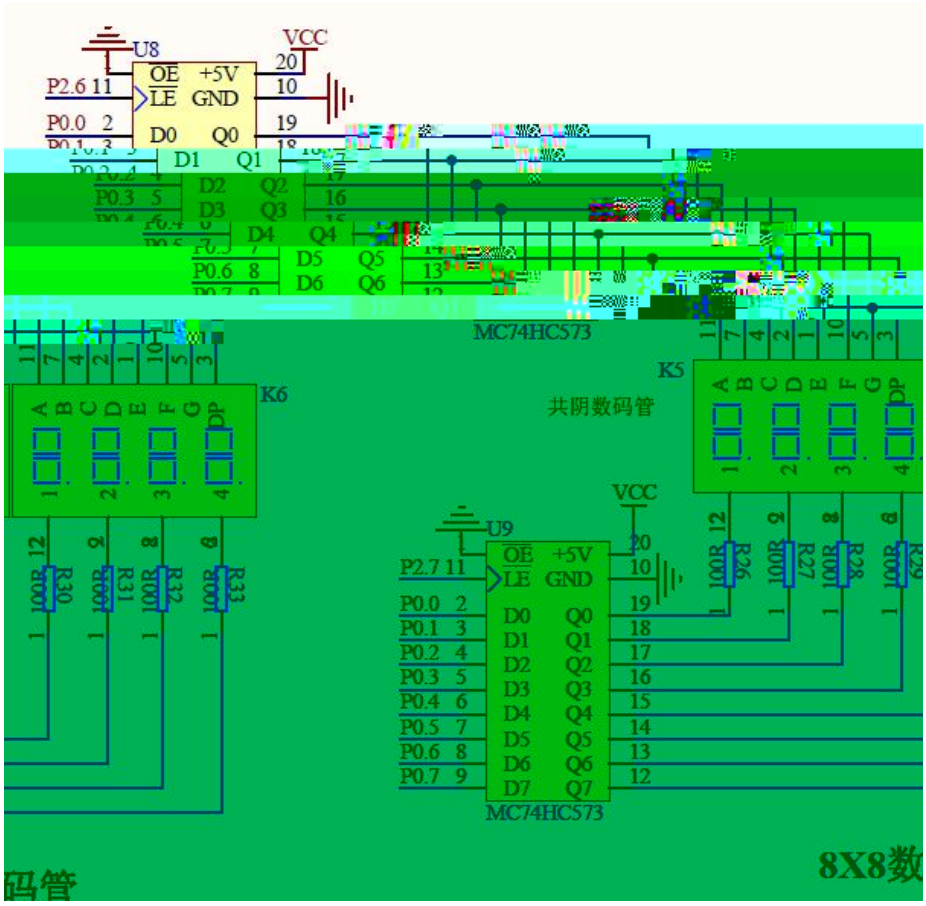
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VCC
OE +5V
LE GND
D0 Q0
D1 Q1
D2 Q2
D3 Q3
D4 Q4
D5 Q5
D6 Q6
P2.6 11
P0.0 2
P0.3 5
P0.6 8
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10
19
16
13
MC74HC573
K6
K5
共阴数码管
U9
VCC
P2.7 11
P0.0 2
P0.1 3
P0.2 4
P0.3 5
P0.4 6
P0.5 7
P0.6 8
P0.7 9
D0 Q0
D1 Q1
D2 Q2
D3 Q3
D4 Q4
D5 Q5
D6 Q6
D7 Q7
19
18
17
16
15
14
13
12
MC74HC573
R30
R31
R32
R33
R26
R27
R28
R29
8X8数
码管

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PCB

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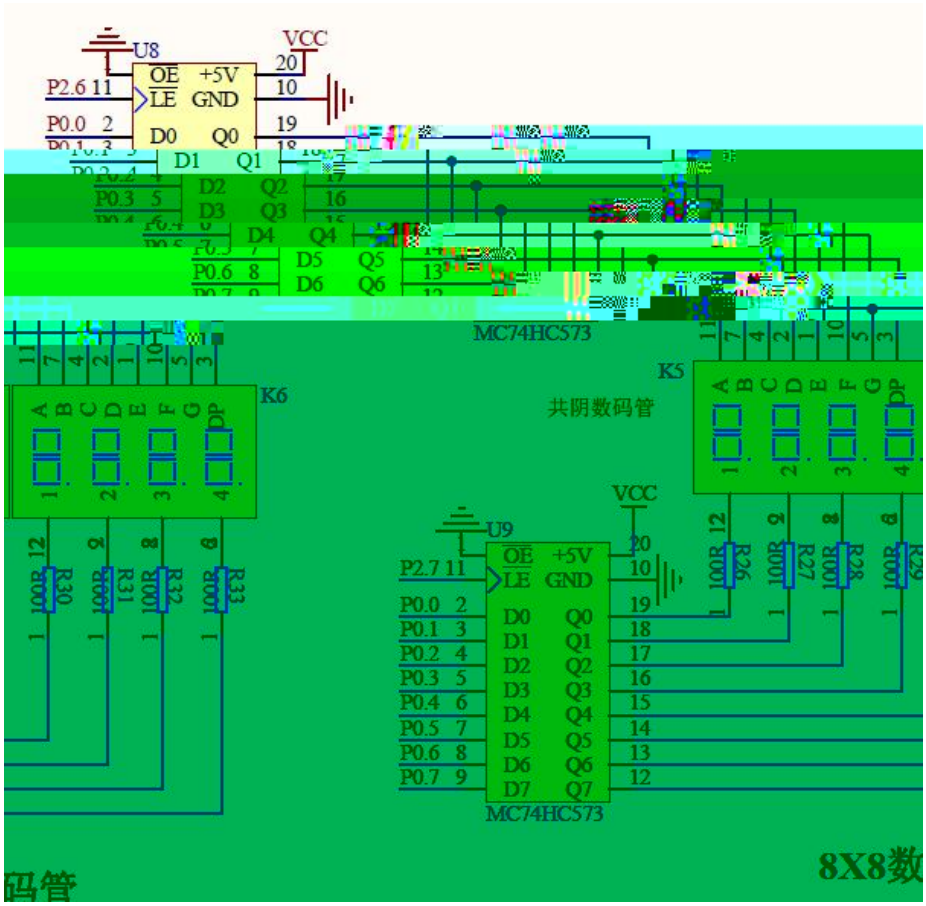
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VCC
OE +5V
LE GND
D0 Q0
D1 Q1
D2 Q2
D3 Q3
D4 Q4
D5 Q5
D6 Q6
MC74HC573
K6
K5
共阴数码管
U9
VCC
MC74HC573
8X8数
码管

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PCB

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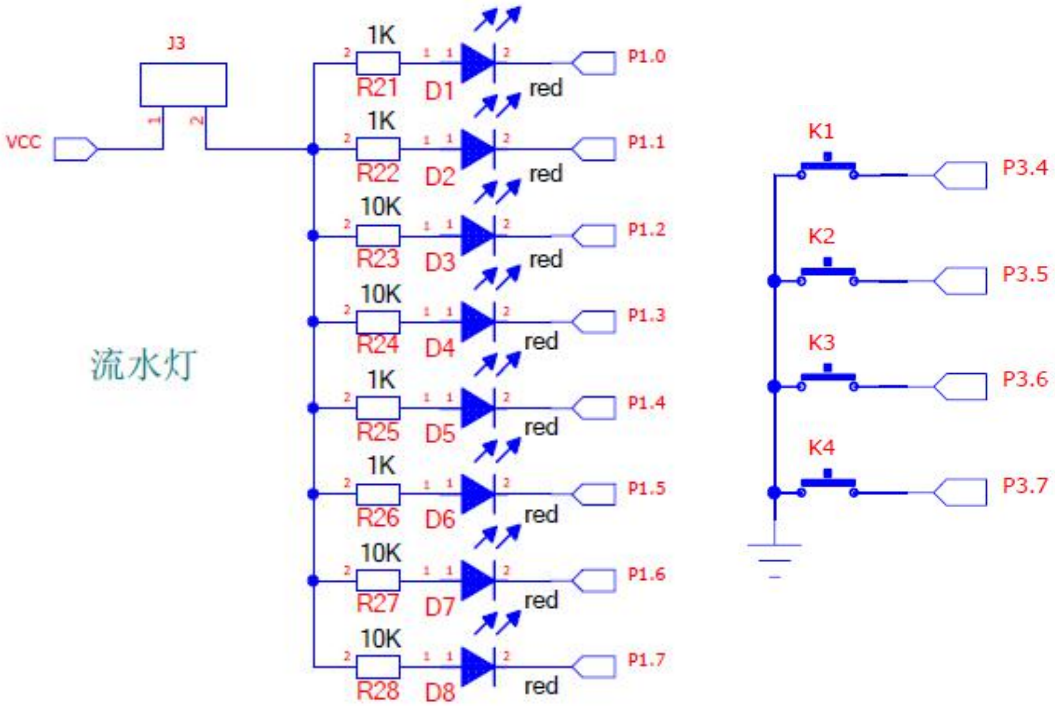
K1 D1 D2 D3 D4 K2 D5 D6 D7 D8 K3 8

K4 8



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PCB

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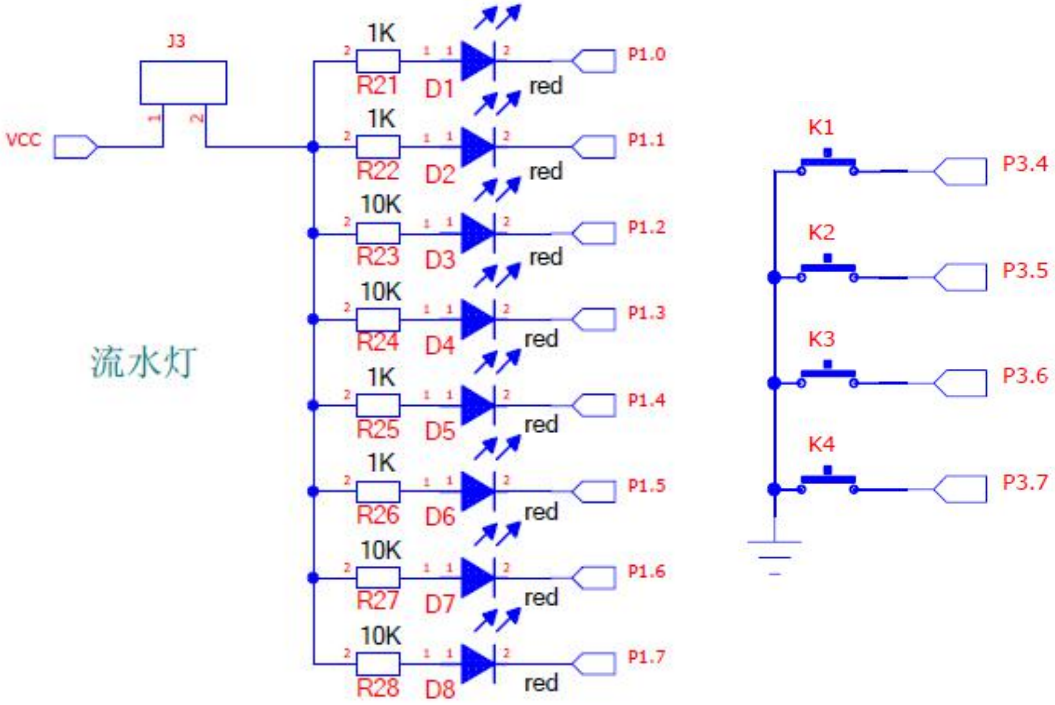
K1 8


J3
VCC
1K
R21
D1
red
P1.0
1K
R22
D2
red
P1.1
10K
R23
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red
P1.2
10K
R24
D4
red
P1.3
1K
R25
D5
red
P1.4
1K
R26
D6
red
P1.5
10K
R27
D7
red
P1.6
10K
R28
D8
red
P1.7
流水灯
K1
P3.4
K2
P3.5
K3
P3.6
K4
P3.7

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PCB

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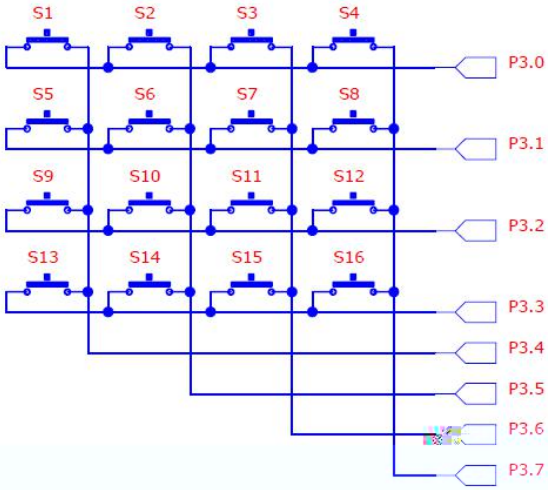
S1-S16 0-F


S1
S2
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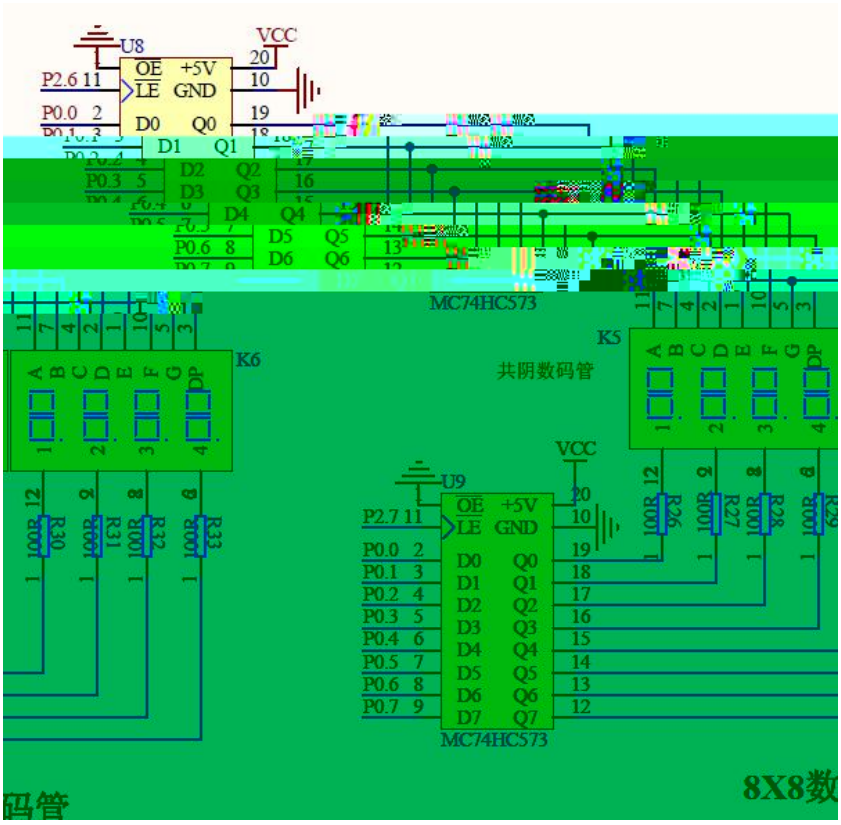
P3.3
P3.4
P3.5
P3.6
P3.7


U8
VCC
OE
+5V
LE
GND
D0
Q0
D1
Q1
D2
Q2
D3
Q3
D4
Q4
D5
Q5
D6
Q6
MC74HC573
K6
K5
共阴数码管
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PCB

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P3.2 1

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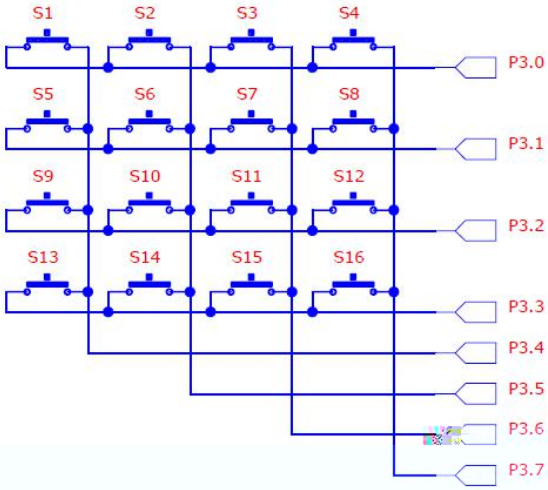
S1
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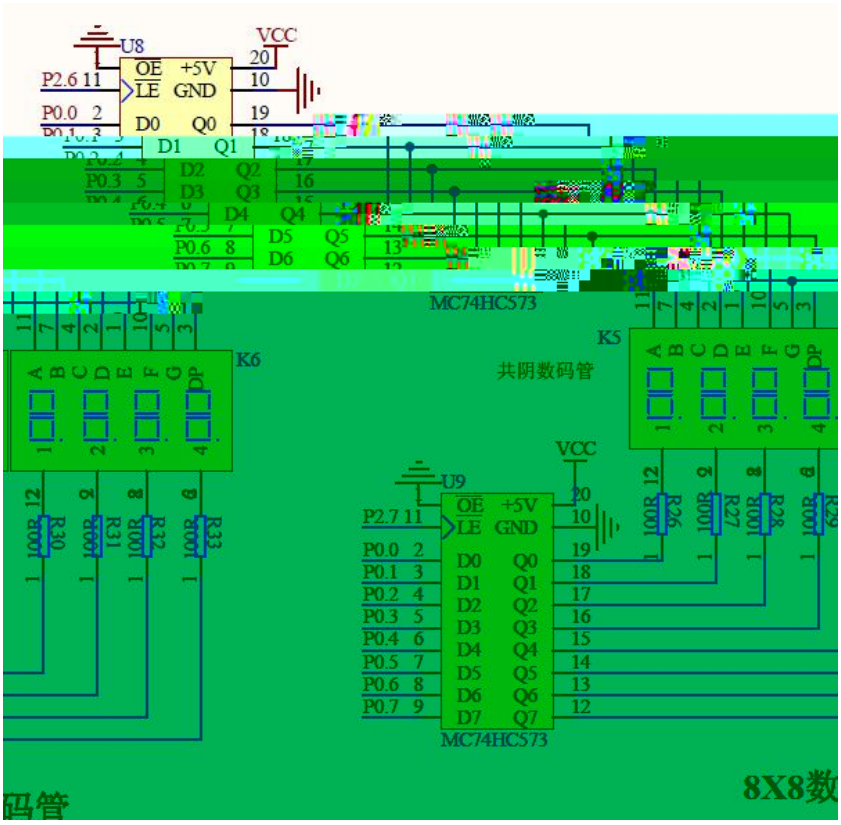
P3.7


U8
VCC
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D5
Q5
D6
Q6
P2.6
P0.0
P0.3
P0.6
MC74HC573
K6
K5
共阴数码管
U9
P2.7
P0.1
P0.2
P0.4
P0.5
P0.7
D7
Q7
R26
R27
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R33
8X8数
码管

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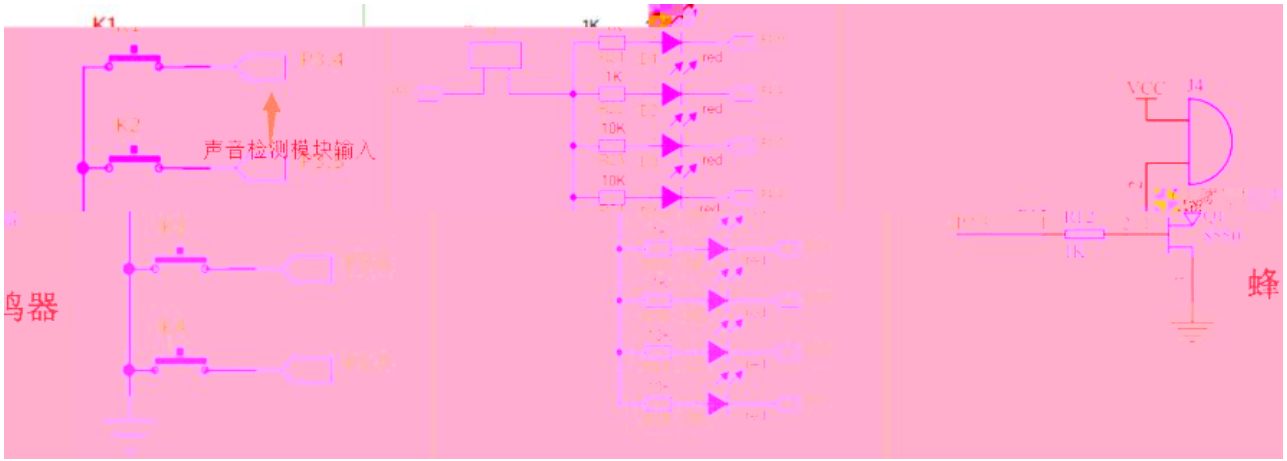
P3.4 P3.4

D1



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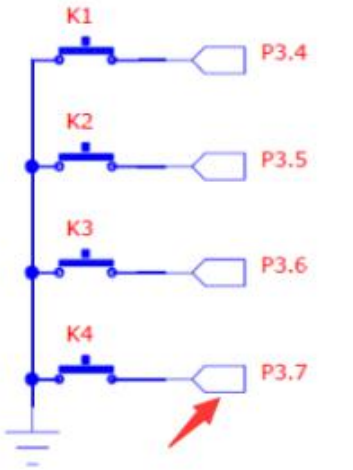
P3.7 P3.7



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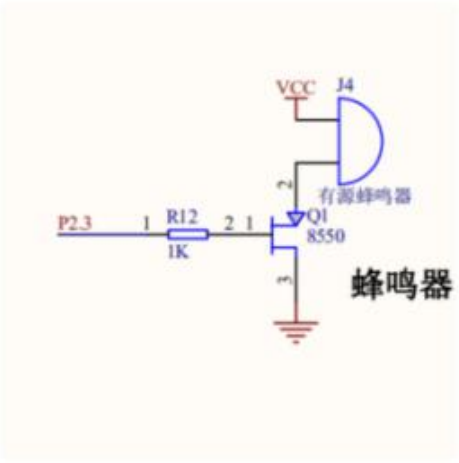

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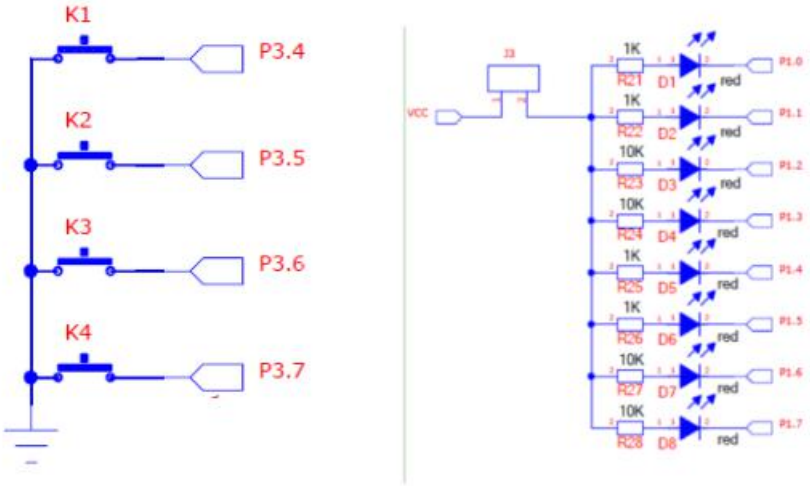
1 K1 D1 K2

D2



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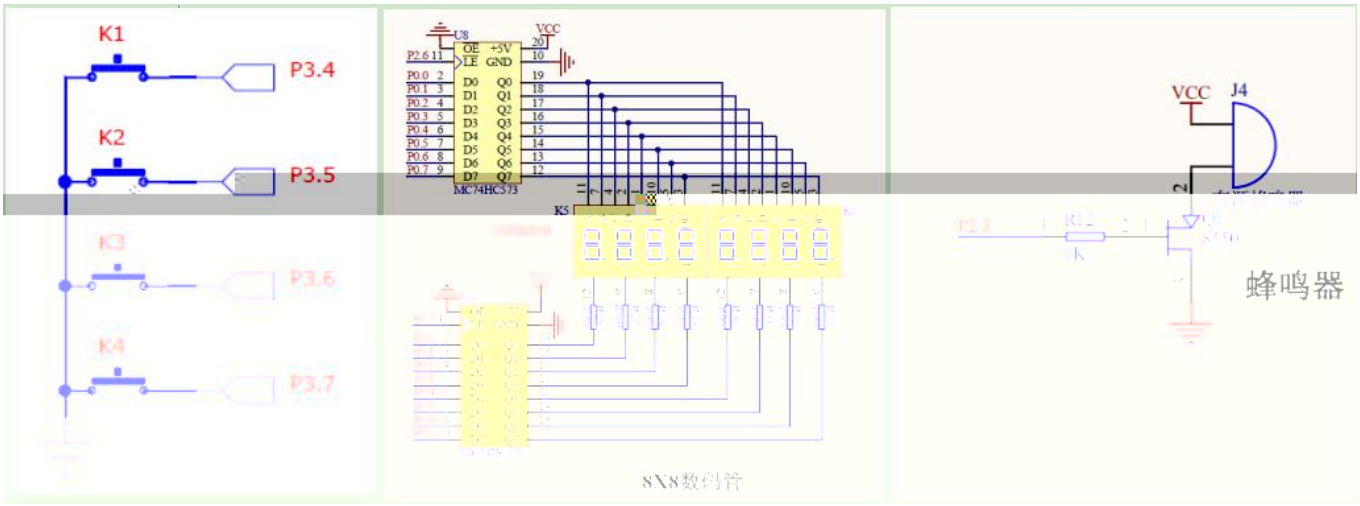
K1 “ 1 ”



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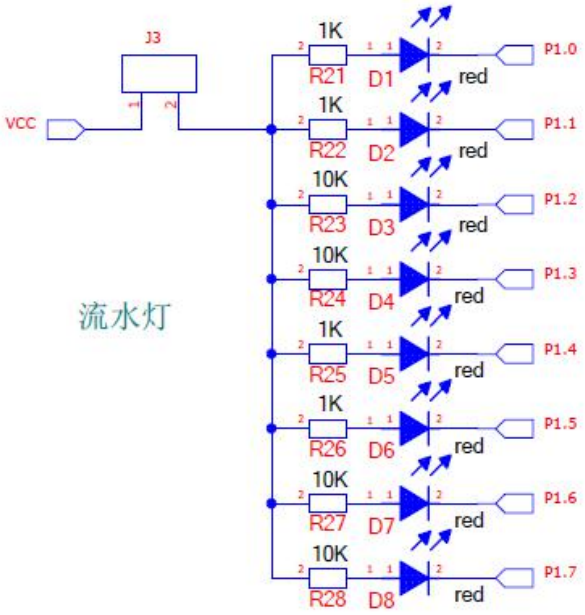
J3
VCC
流水灯
1K
R21
D1
red
P1.0
1K
R22
D2
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P1.1
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D3
red
P1.2
10K
R24
D4
red
P1.3
1K
R25
D5
red
P1.4
1K
R26
D6
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P1.5
10K
R27
D7
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P1.6
10K
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D8
red
P1.7

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PCB

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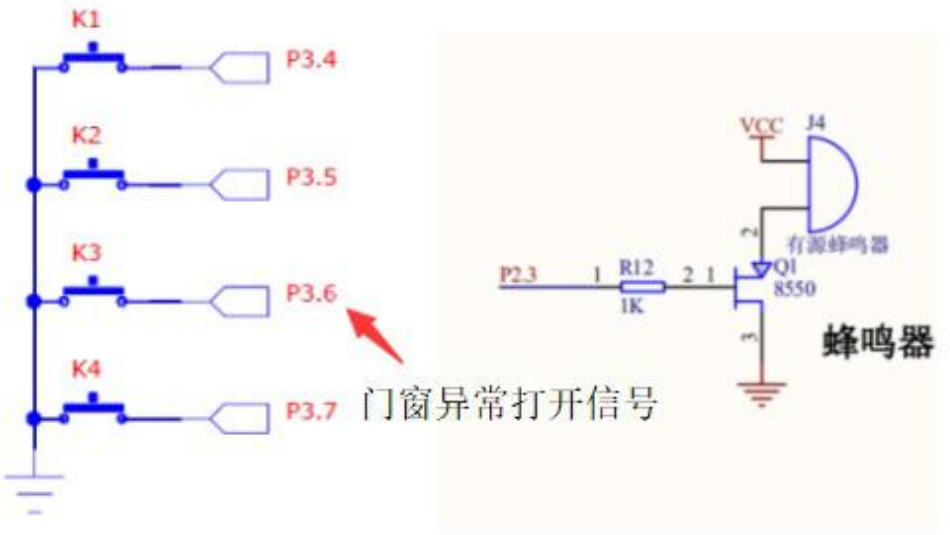
P3.6 P3.6



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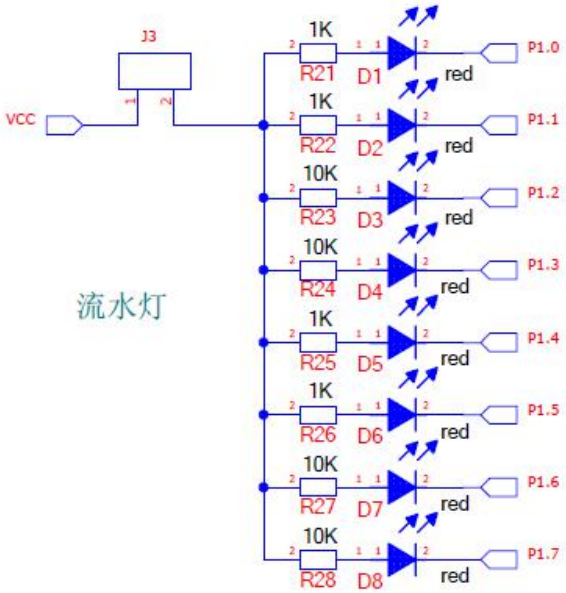

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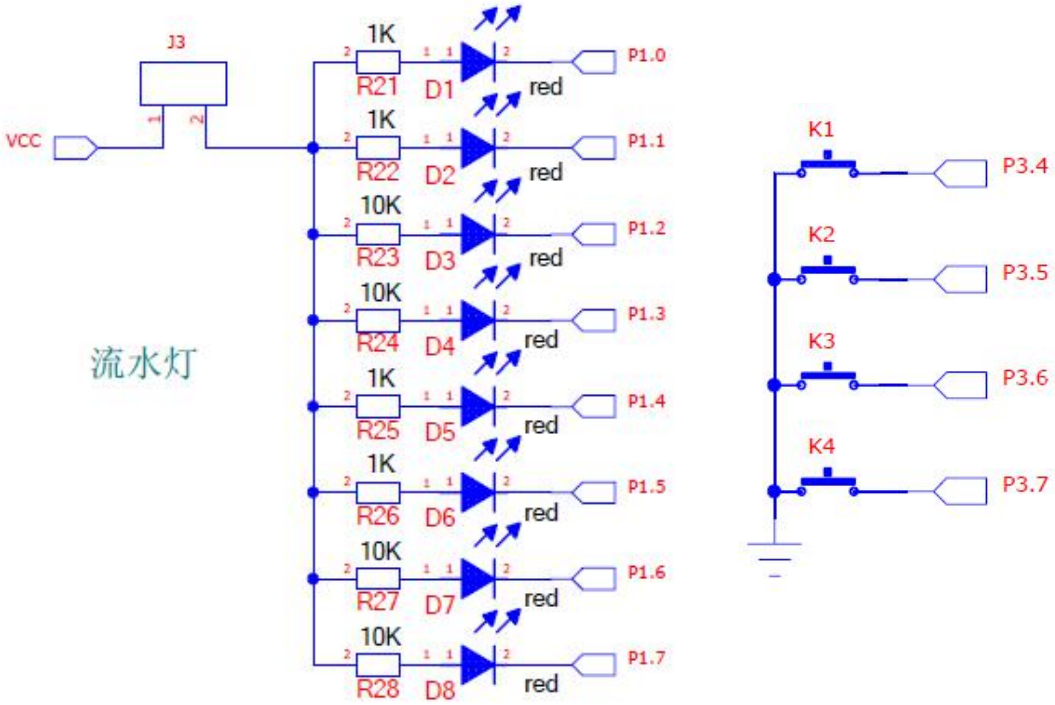
K1 D1-D4 , K2 D5-D8 ,



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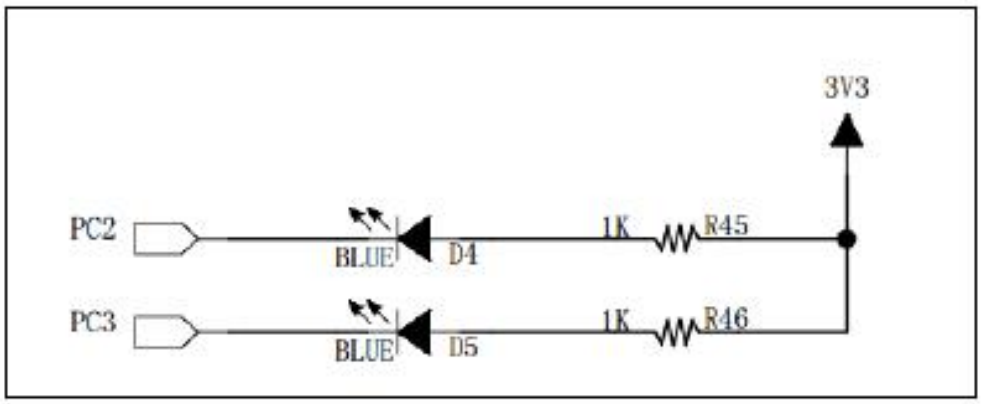
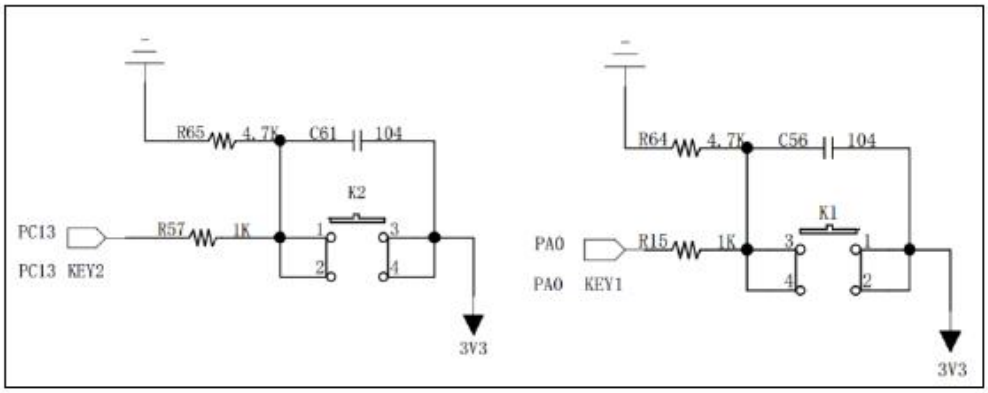

3V3
PC2
BLUE
D4
1K
R45
PC3
BLUE
D5
1K
R46


R65
4.7K
C61
104
K2
PC13
R57
1K
PC13 KEY2
3V3
R64
4.7K
C56
104
K1
PA0
R15
1K
PA0 KEY1
3V3

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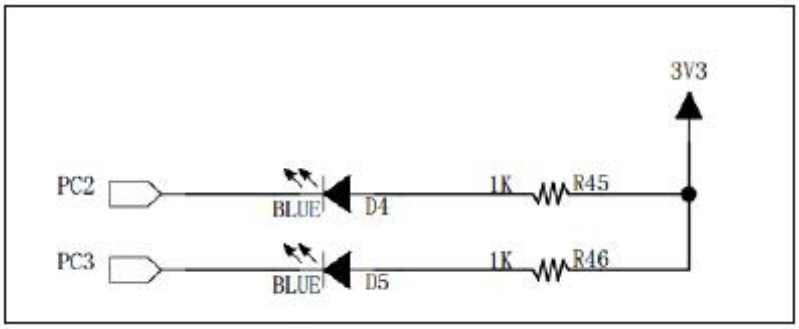

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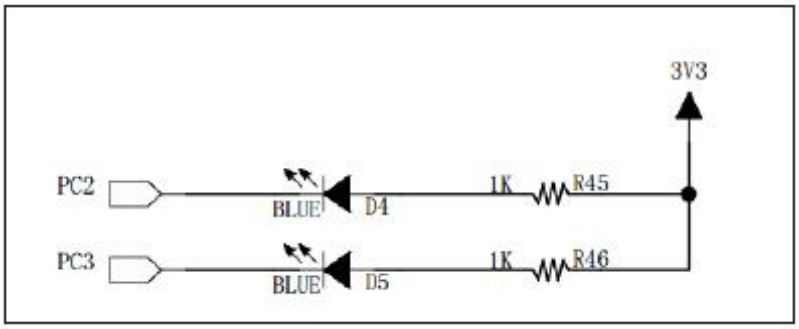

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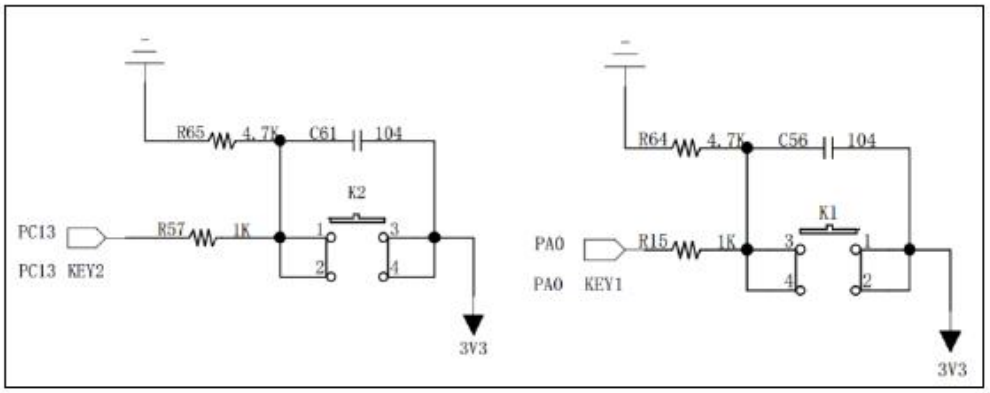
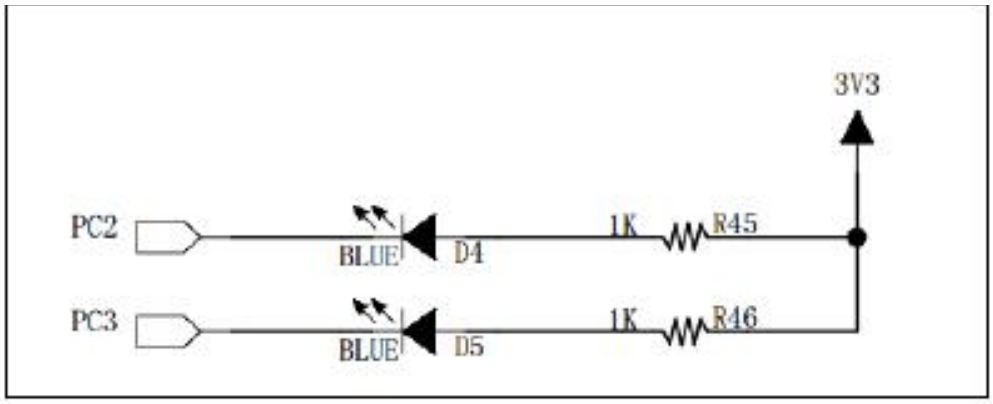

R65
4.7K
C61
104
K2
PC13
R57
1K
PC13 KEY2
3V3
R64
4.7K
C56
104
K1
PA0
R15
1K
PA0 KEY1
3V3


3V3
PC2
BLUE
D4
1K
R45
PC3
BLUE
D5
1K
R46

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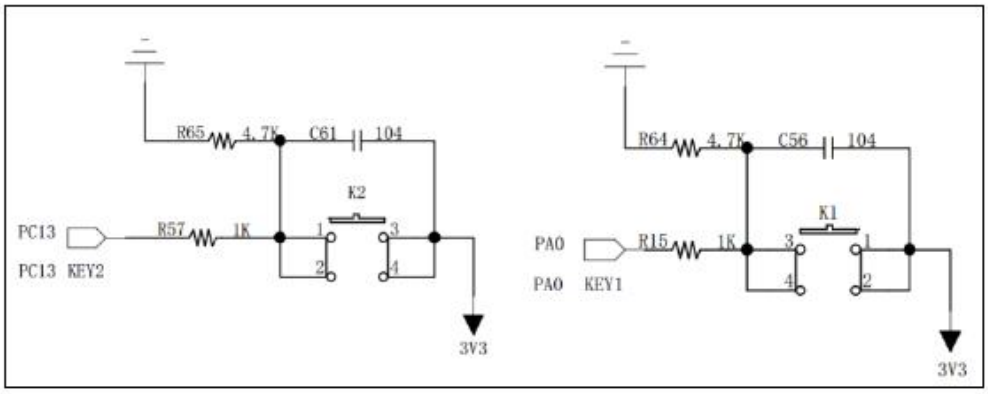
R65
4.7K
C61
104
K2
PC13
R57
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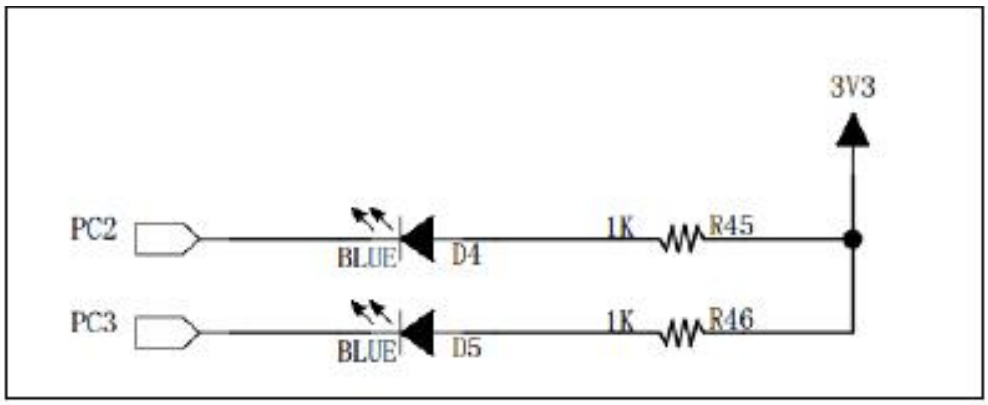
PC13 KEY2
3V3
R64
4.7K
C56
104
K1
PA0
R15
1K
PA0 KEY1
3V3


3V3
PC2
BLUE
D4
1K
R45
PC3
BLUE
D5
1K
R46

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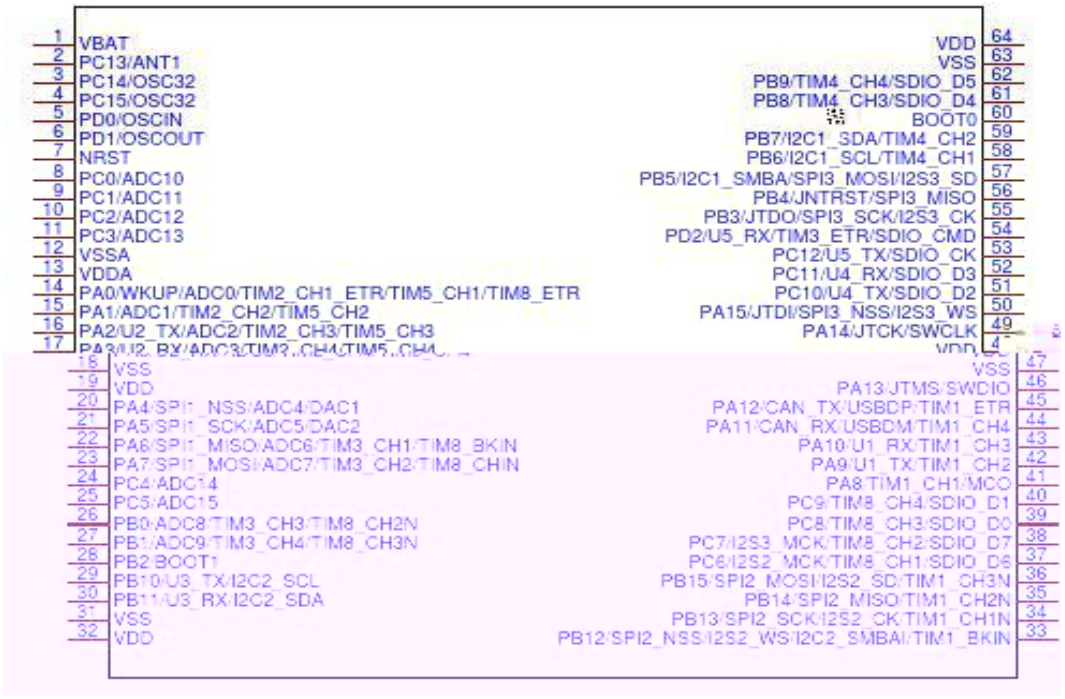
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2 PC13/ANT1
3 PC14/OSC32
4 PC15/OSC32
5 PD0/OSCIN
6 PD1/OSCOUT
7 NRST
8 PC0/ADC10
9 PC1/ADC11
10 PC2/ADC12
11 PC3/ADC13
12 VSSA
13 VDDA
14 PA0/WKUP/ADC0/TIM2_CH1_ETR/TIM5_CH1/TIM8_ETR
15 PA1/ADC1/TIM2_CH2/TIM5_CH2
16 PA2/U2_TX/ADC2/TIM2_CH3/TIM5_CH3
64 VDD
63 VSS
62 PB9/TIM4_CH4/SDIO_D5
61 PB8/TIM4_CH3/SDIO_D4
60 BOOT0
59 PB7/I2C1_SDA/TIM4_CH2
58 PB6/I2C1_SCL/TIM4_CH1
57 PB5/I2C1_SMBA/SPI3_MOSI/I2S3_SD
56 PB4/JNTRST/SPI3_MISO
55 PB3/JTDO/SPI3_SCK/I2S3_CK
54 PD2/U5_RX/TIM3_ETR/SDIO_CMD
53 PC12/U5_TX/SDIO_CK
52 PC11/U4_RX/SDIO_D3
51 PC10/U4_TX/SDIO_D2
50 PA15/JTDI/SPI3_NSS/I2S3_WS
49 PA14/JTCK/SWCLK
18 VSS
19 VDD
20 PA4/SPI1_NSS/ADC4/DAC1
21 PA5/SPI1_SCK/ADC5/DAC2
22 PA6/SPI1_MISO/ADC6/TIM3_CH1/TIM8_BKIN
23 PA7/SPI1_MOSI/ADC7/TIM3_CH2/TIM8_CH1N
24 PC4/ADC14
25 PC5/ADC15
26 PB0/ADC8/TIM3_CH3/TIM8_CH2N
27 PB1/ADC9/TIM3_CH4/TIM8_CH3N
28 PB2/BOOT1
29 PB10/U3_TX/I2C2_SCL
30 PB11/U3_RX/I2C2_SDA
31 VSS
32 VDD
47 VSS
46 PA13/JTMS/SWDIO
45 PA12/CAN_TX/USBDP/TIM1_ETR
44 PA11/CAN_RX/USBDM/TIM1_CH4
43 PA10/U1_RX/TIM1_CH3
42 PA9/U1_TX/TIM1_CH2
41 PA8/TIM1_CH1/MCO
40 PC9/TIM8_CH4/SDIO_D1
39 PC8/TIM8_CH3/SDIO_D0
38 PC7/I2S3_MCK/TIM8_CH2/SDIO_D7
37 PC6/I2S2_MCK/TIM8_CH1/SDIO_D6
36 PB15/SPI2_MOSI/I2S2_SD/TIM1_CH3N
35 PB14/SPI2_MISO/TIM1_CH2N
34 PB13/SPI2_SCK/I2S2_CK/TIM1_CH1N
33 PB12/SPI2_NSS/I2S2_WS/I2C2_SMBAI/TIM1_BKIN

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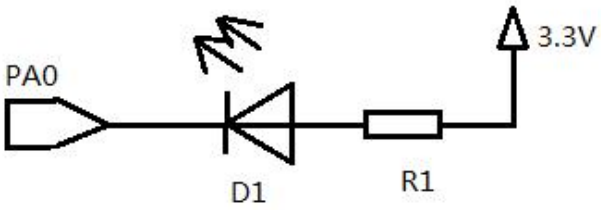

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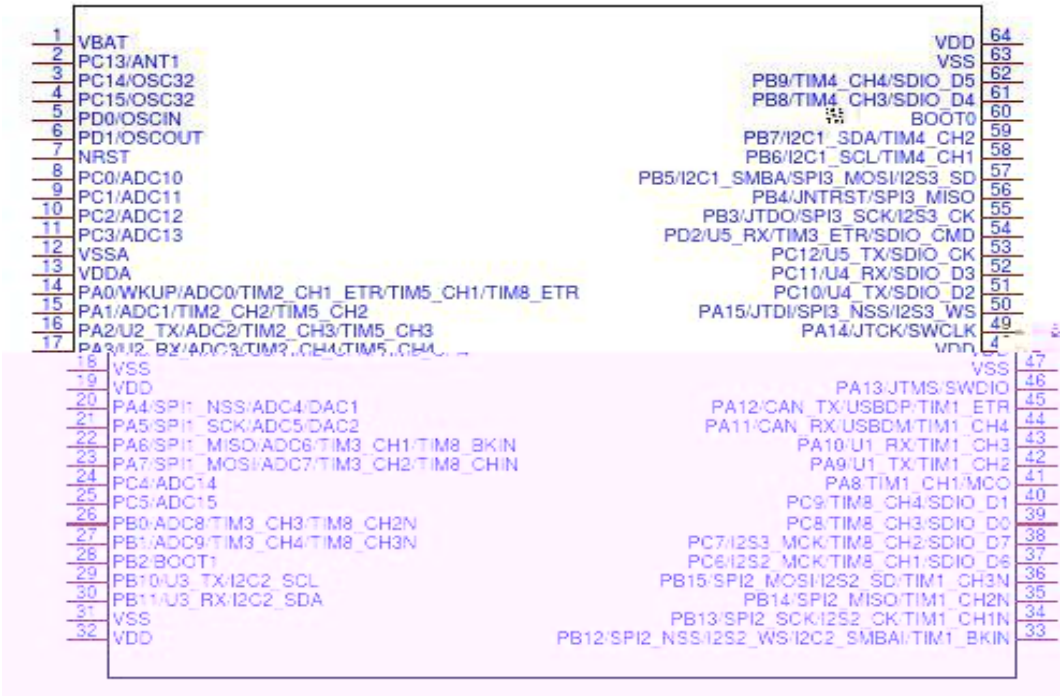
1 VBAT
2 PC13/ANT1
3 PC14/OSC32
4 PC15/OSC32
5 PD0/OSCIN
6 PD1/OSCOUT
7 NRST
8 PC0/ADC10
9 PC1/ADC11
10 PC2/ADC12
11 PC3/ADC13
12 VSSA
13 VDDA
14 PA0/WKUP/ADC0/TIM2_CH1_ETR/TIM5_CH1/TIM8_ETR
15 PA1/ADC1/TIM2_CH2/TIM5_CH2
16 PA2/U2_TX/ADC2/TIM2_CH3/TIM5_CH3
17
18 VSS
19 VDD
20 PA4/SPI1_NSS/ADC4/DAC1
21 PA5/SPI1_SCK/ADC5/DAC2
22 PA6/SPI1_MISO/ADC6/TIM3_CH1/TIM8_BKIN
23 PA7/SPI1_MOSI/ADC7/TIM3_CH2/TIM8_CH1N
24 PC4/ADC14
25 PC5/ADC15
26 PB0/ADC8/TIM3_CH3/TIM8_CH2N
27 PB1/ADC9/TIM3_CH4/TIM8_CH3N
28 PB2/BOOT1
29 PB10/U3_TX/I2C2_SCL
30 PB11/U3_RX/I2C2_SDA
31 VSS
32 VDD
64 VDD
63 VSS
62 PB9/TIM4_CH4/SDIO_D5
61 PB8/TIM4_CH3/SDIO_D4
60 BOOT0
59 PB7/I2C1_SDA/TIM4_CH2
58 PB6/I2C1_SCL/TIM4_CH1
57 PB5/I2C1_SMBA/SPI3_MOSI/I2S3_SD
56 PB4/JNTRST/SPI3_MISO
55 PB3/JTDO/SPI3_SCK/I2S3_CK
54 PD2/U5_RX/TIM3_ETR/SDIO_CMD
53 PC12/U5_TX/SDIO_CK
52 PC11/U4_RX/SDIO_D3
51 PC10/U4_TX/SDIO_D2
50 PA15/JTDI/SPI3_NSS/I2S3_WS
49 PA14/JTCK/SWCLK
47 VSS
46 PA13/JTMS/SWDIO
45 PA12/CAN_TX/USBDP/TIM1_ETR
44 PA11/CAN_RX/USBDM/TIM1_CH4
43 PA10/U1_RX/TIM1_CH3
42 PA9/U1_TX/TIM1_CH2
41 PA8/TIM1_CH1/MCO
40 PC9/TIM8_CH4/SDIO_D1
39 PC8/TIM8_CH3/SDIO_D0
38 PC7/I2S3_MCK/TIM8_CH2/SDIO_D7
37 PC6/I2S2_MCK/TIM8_CH1/SDIO_D6
36 PB15/SPI2_MOSI/I2S2_SD/TIM1_CH3N
35 PB14/SPI2_MISO/TIM1_CH2N
34 PB13/SPI2_SCK/I2S2_CK/TIM1_CH1N
33 PB12/SPI2_NSS/I2S2_WS/I2C2_SMBAI/TIM1_BKIN

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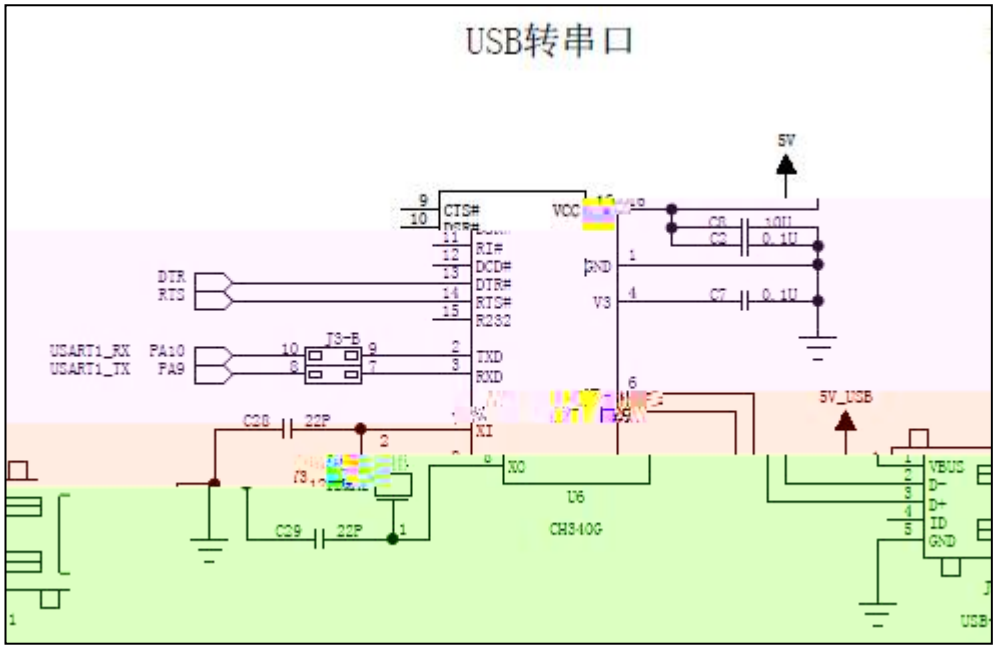
USB转串口
5V
CTS#
RI#
DCD#
DTR#
RTS#
R232
VCC
GND
V3
C6 10U
C7 0.1U
DTR
RTS
USART1_RX PA10
USART1_TX PA9
JS-B
TXD
RXD
C28 22P
C29 22P
XI
XO
U6
CH340G
5V_USB
VBUS
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D+
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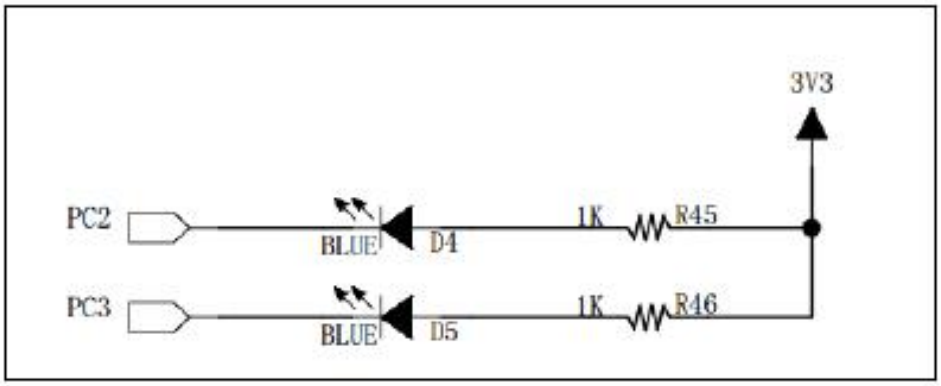
GND


3V3
PC2
BLUE
D4
1K
R45
PC3
BLUE
D5
1K
R46

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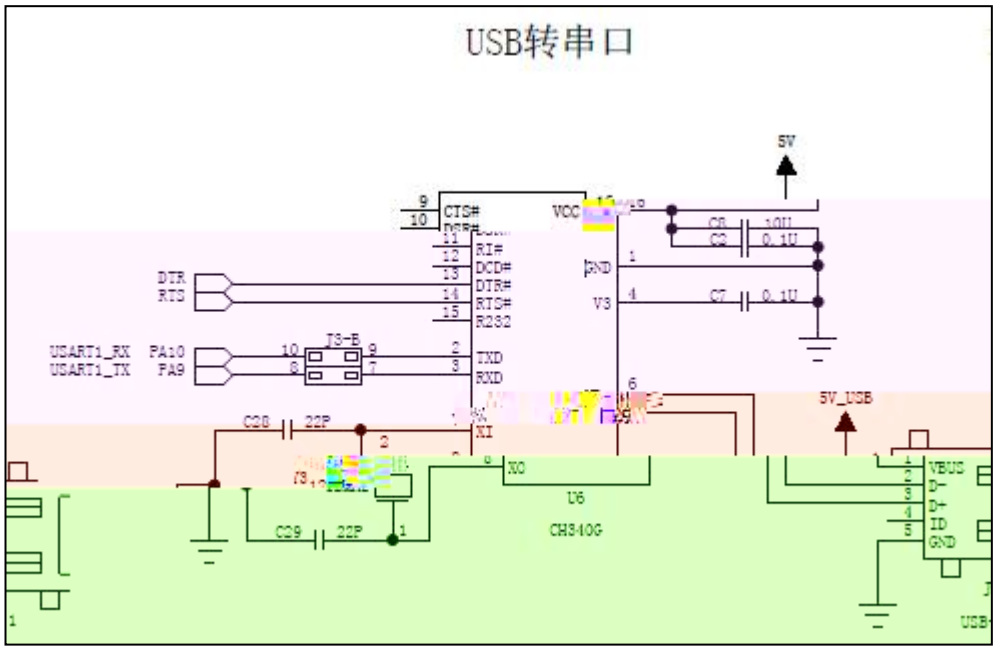
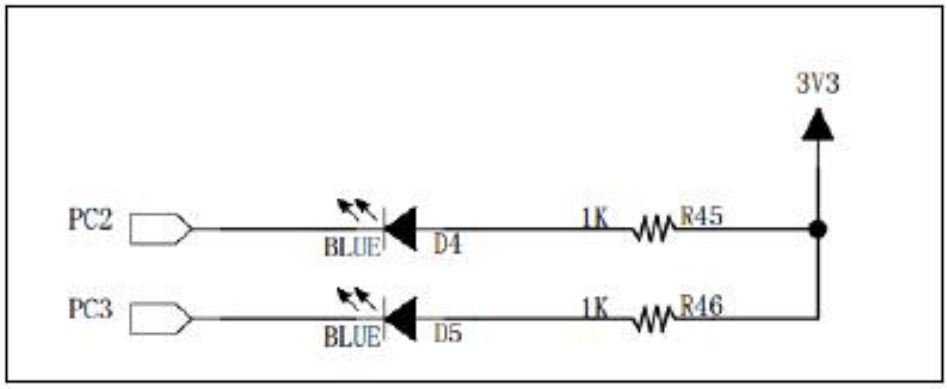

USB转串口
5V
CTS#
RI#
DCD#
DTR#
RTS#
R232
VCC
GND
V3
C6
C7
0.1U
DTR
RTS
USART1_RX
USART1_TX
PA10
PA9
JS-B
TXD
RXD
C30
22P
C29
22P
XI
XO
U6
CH340G
5V_USB
VBUS
D-
D+
ID
GND
USB


3V3
PC2
BLUE
D4
1K
R45
PC3
BLUE
D5
1K
R46

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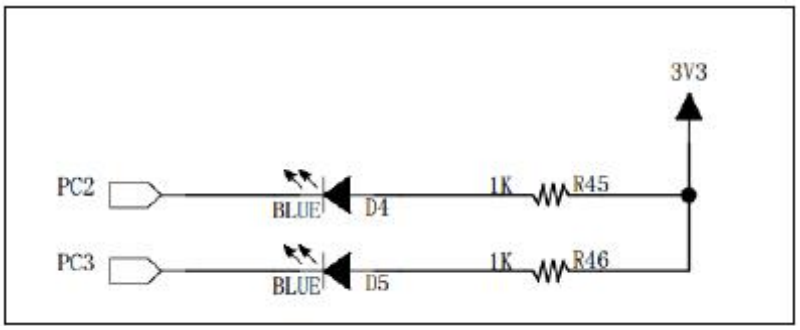
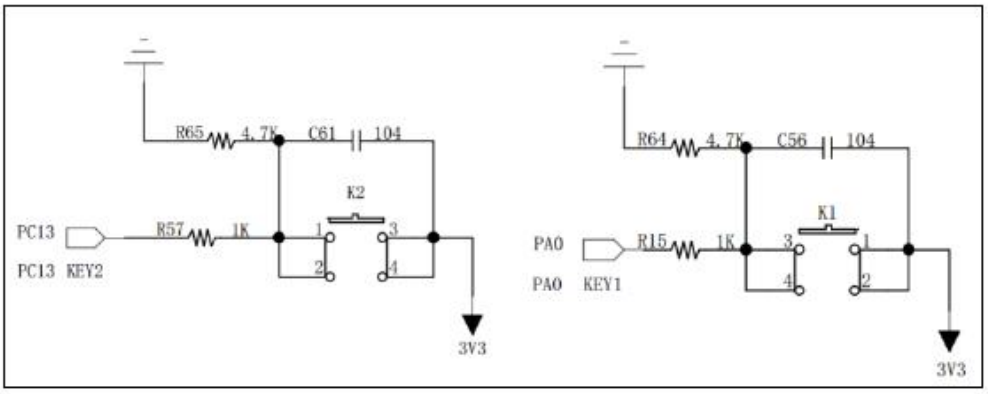
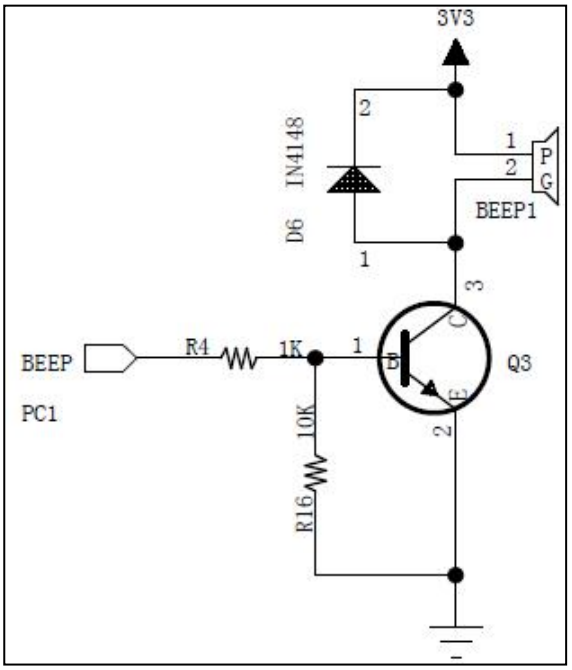

3V3
PC2
BLUE
D4
1K
R45
PC3
BLUE
D5
1K
R46


R65
4.7K
C61
104
K2
PC13
R57
1K
PC13 KEY2
3V3
R64
4.7K
C56
104
K1
PA0
R15
1K
PA0 KEY1
3V3


3V3
D6 IN4148
BEEP1
P
G
BEEP
R4
1K
Q3
PC1
10K
R16

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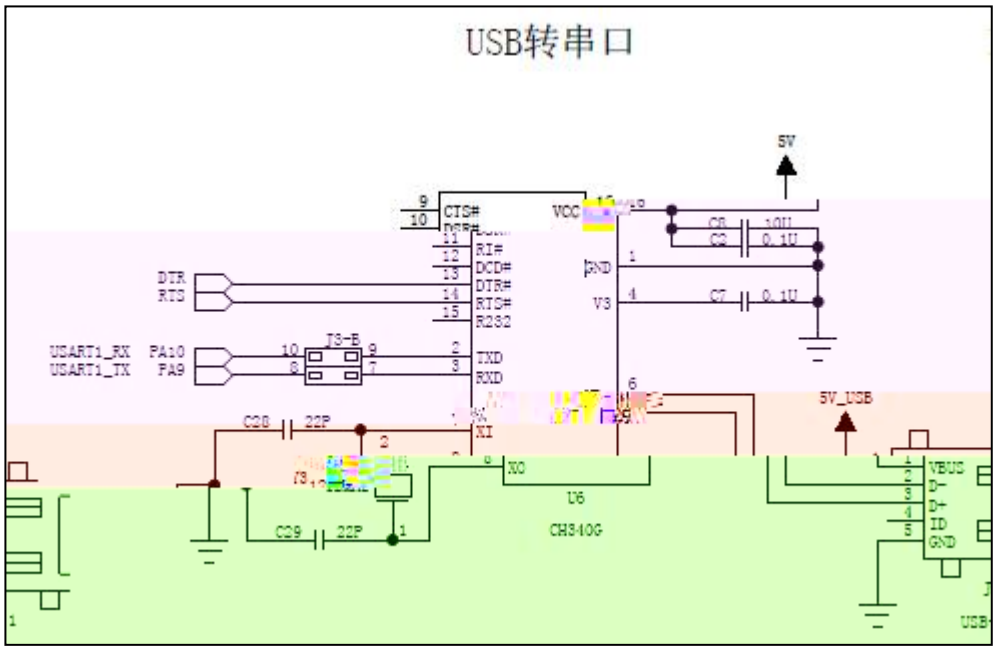
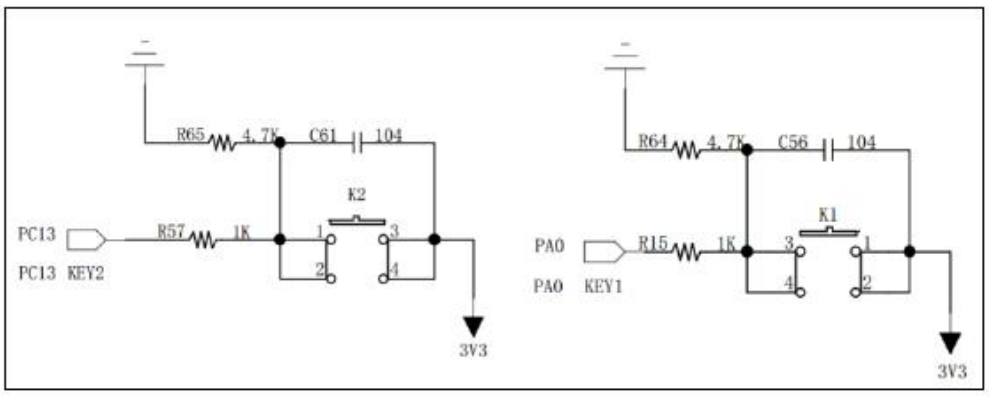

USB转串口
5V
CTS#
RI#
DCD#
DSR#
RTS#
R232
VCC
GND
V3
C8
10U
C2
0.1U
C7
0.1U
DTR
RTS
USART1_RX PA10
USART1_TX PA9
J3-B
TXD
RXD
5V_USB
C28
22P
XI
XO
U6
CH340G
C29
22P
VBUS
D-
D+
ID
GND
USB


R65
4.7K
C61
104
K2
PC13
R57
1K
PC13 KEY2
3V3
R64
4.7K
C56
104
K1
PA0
R15
1K
PA0 KEY1
3V3

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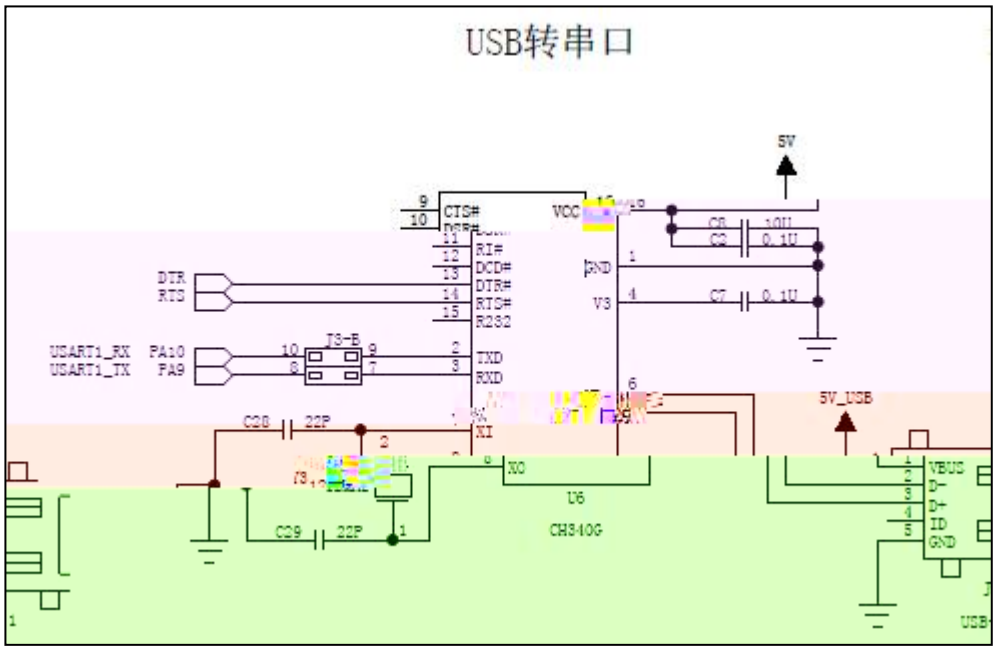
USB转串口
5V
CTS#
RI#
DCD#
DSR#
RTS#
R232
VCC
GND
V3
C8
10U
C2
0.1U
C7
0.1U
DTR
RTS
USART1_RX PA10
USART1_TX PA9
J3-B
TXD
RXD
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XO
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VBUS
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D+
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GND
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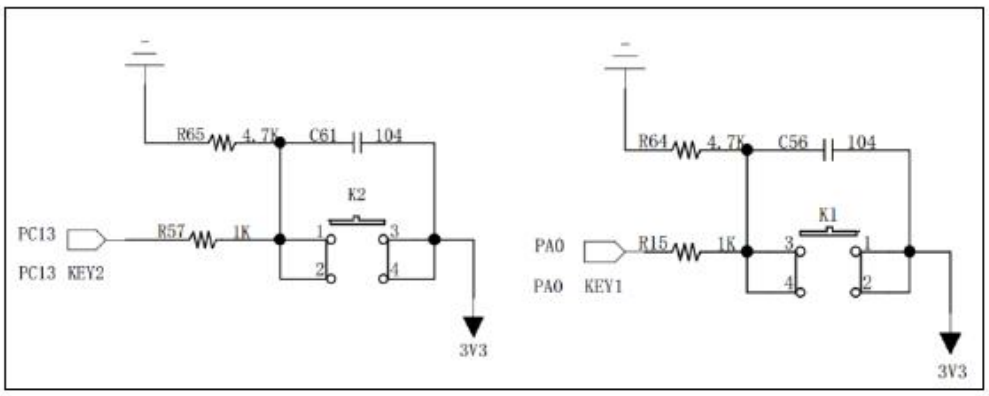
R65
4.7K
C61
104
K2
PC13
R57
1K
PC13 KEY2
3V3
R64
4.7K
C56
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K1
PA0
R15
1K
PA0 KEY1
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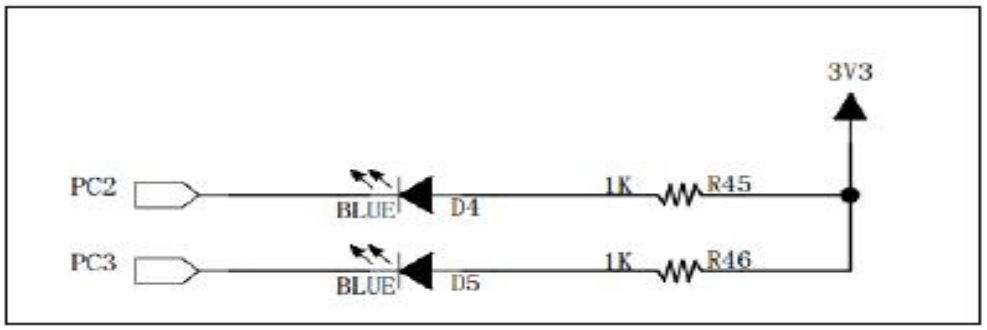
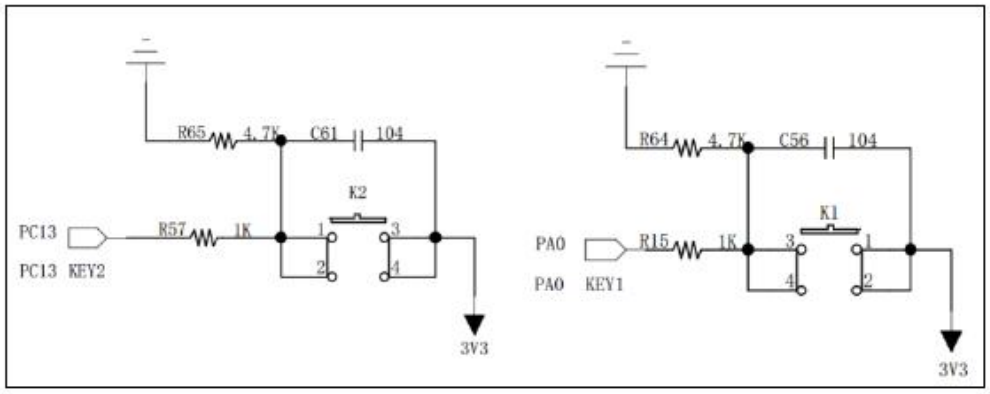

3V3
PC2
BLUE
D4
1K
R45
PC3
BLUE
D5
1K
R46


R65
4.7K
C61
104
K2
PC13
R57
1K
PC13 KEY2
3V3
R64
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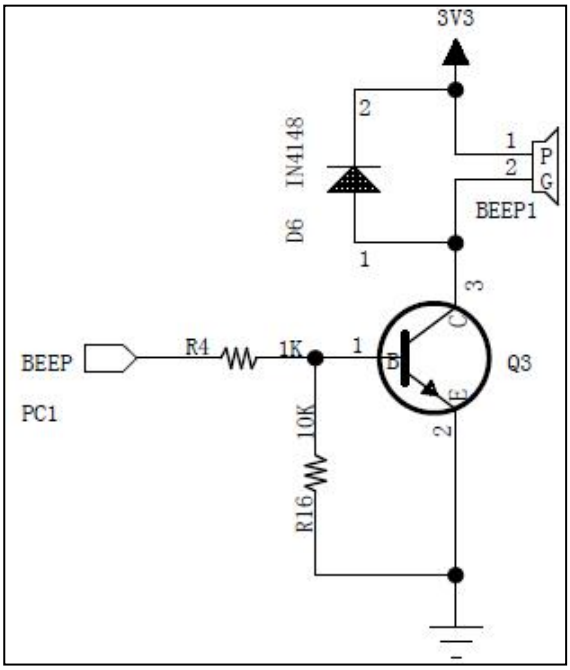
C56
104
K1
PA0
R15
1K
PA0 KEY1
3V3


3V3
D6 IN4148
BEEP1
P
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BEEP
R4
1K
Q3
PC1
10K
R16

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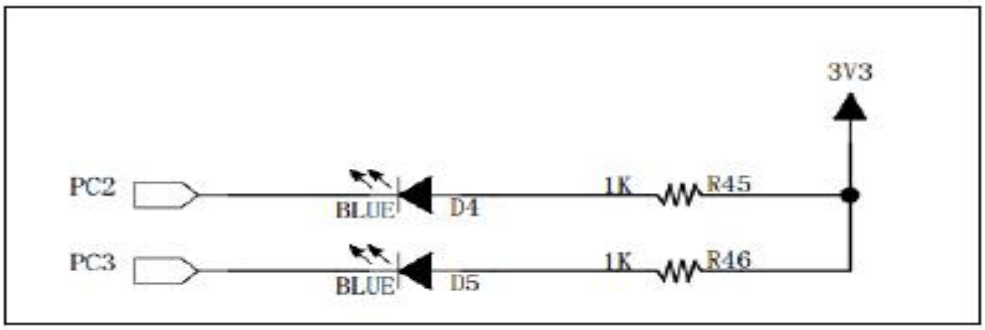

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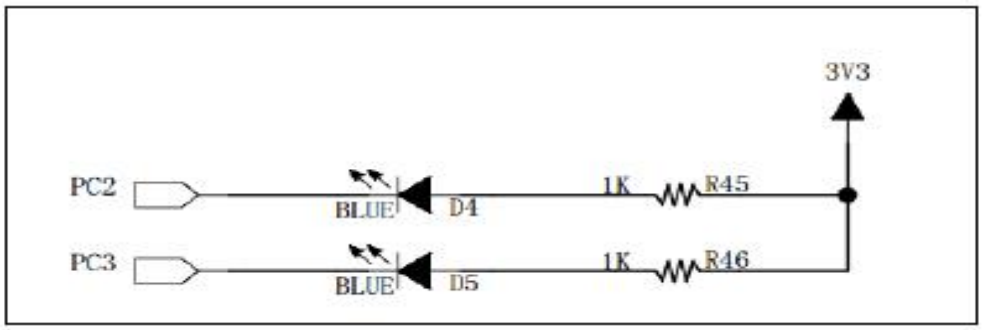
3V3
PC2
BLUE
D4
1K
R45
PC3
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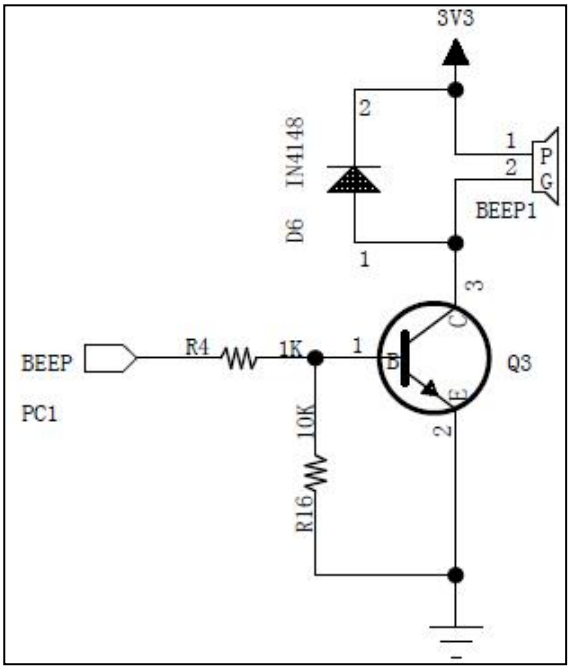
3V3
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D6
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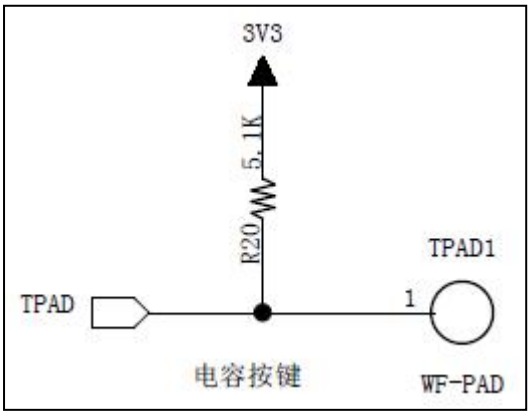
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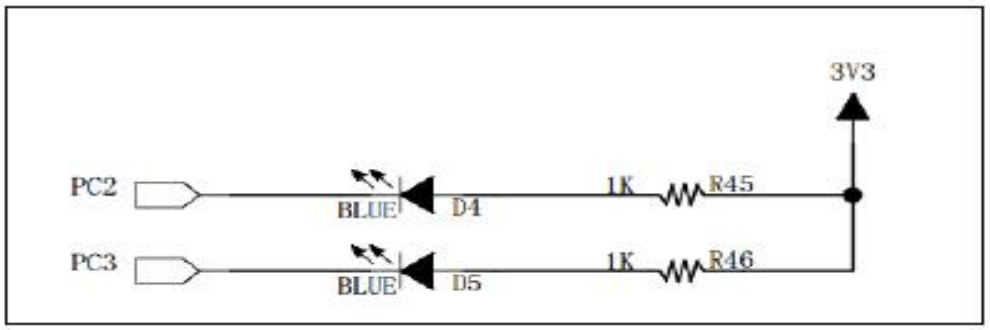
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PC2
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PC3
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D5
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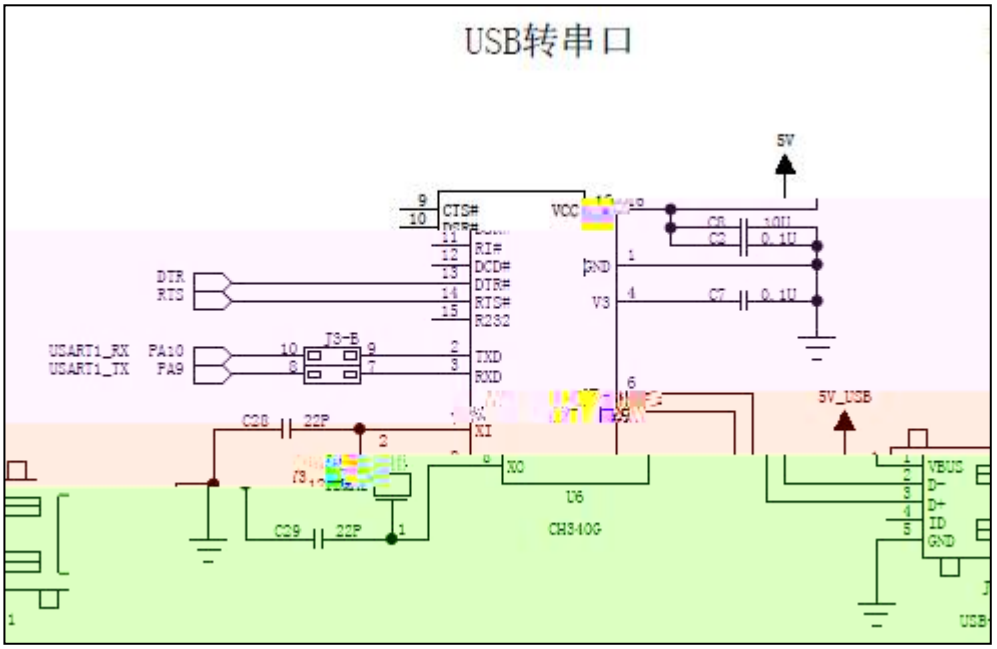
R46


USB转串口
5V
CTS#
RI#
DCD#
DTR#
RTS#
R232
DTR
RTS
USART1_RX
USART1_TX
PA10
PA9
TXD
RXD
C28
22P
C29
22P
XI
XO
U6
CH340G
VCC
GND
V3
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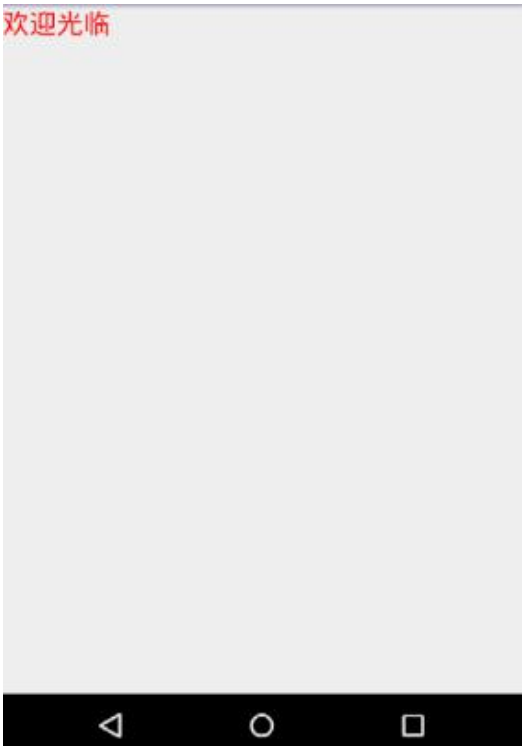

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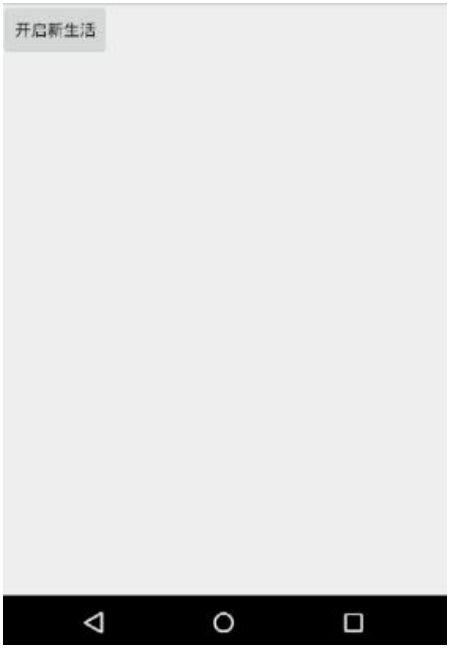

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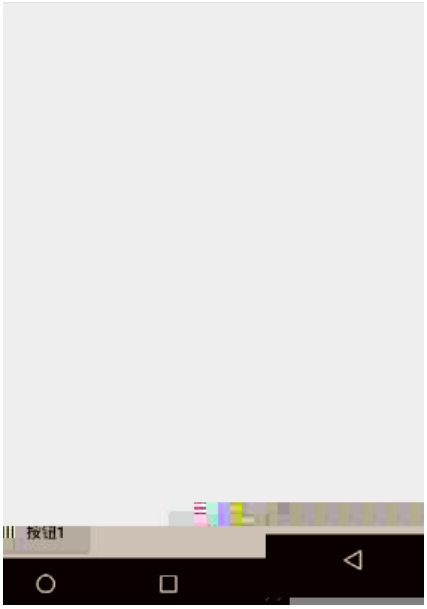

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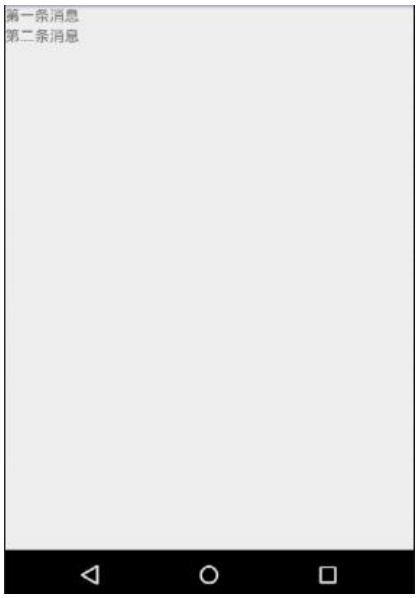

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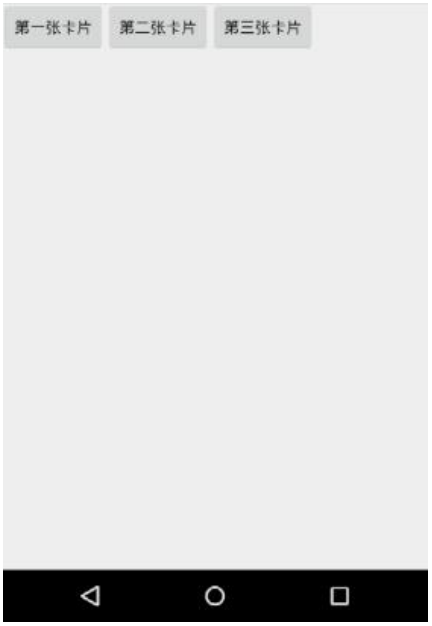

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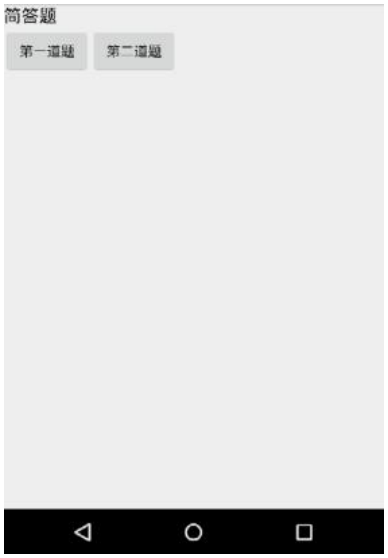

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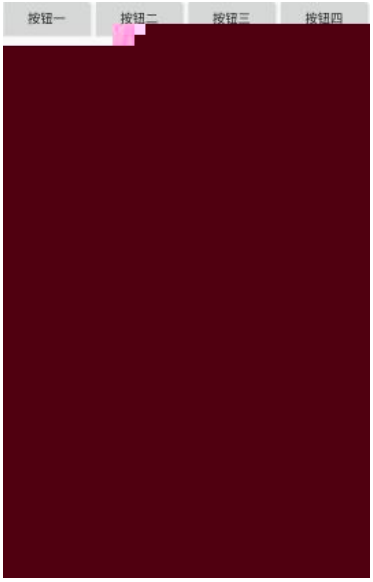

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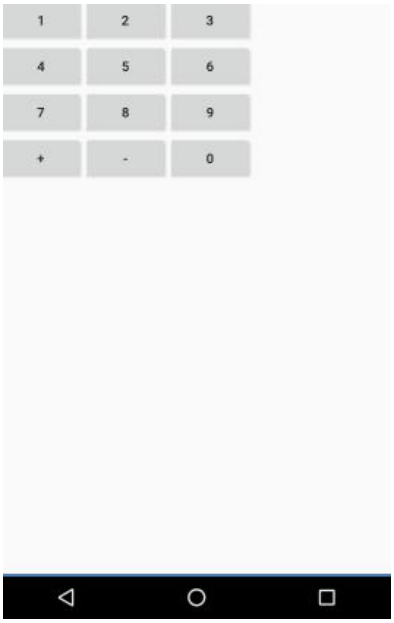

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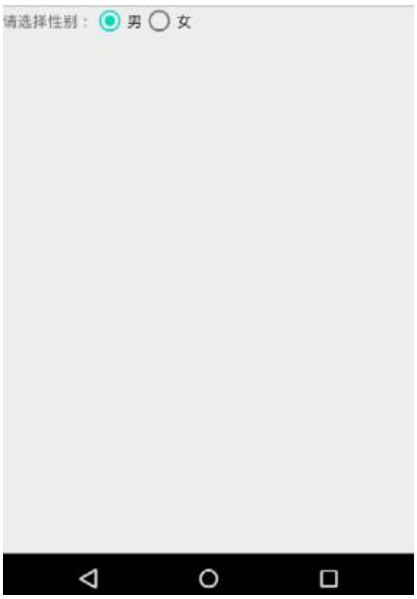

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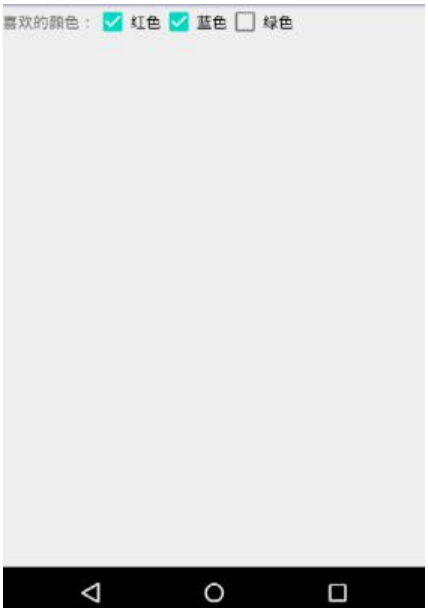

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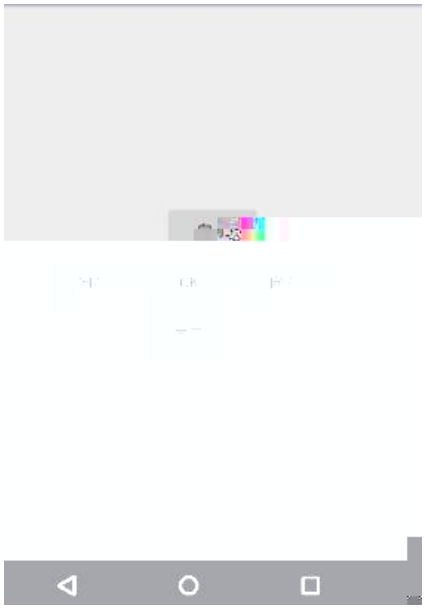

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LED

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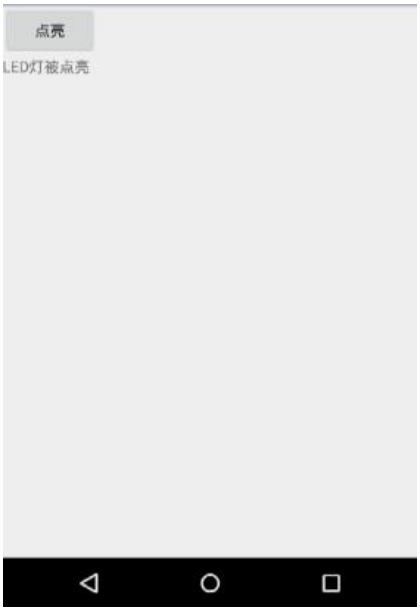
3 TextView LED



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LED

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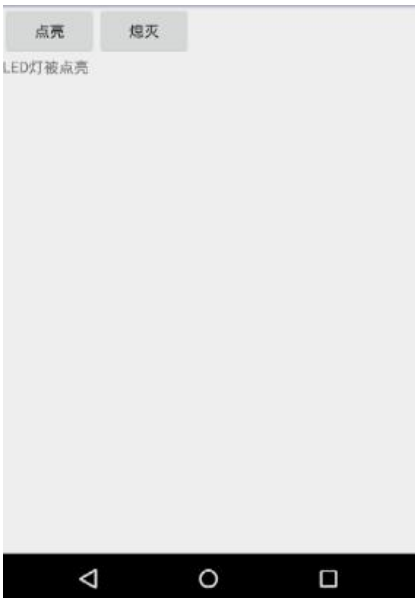
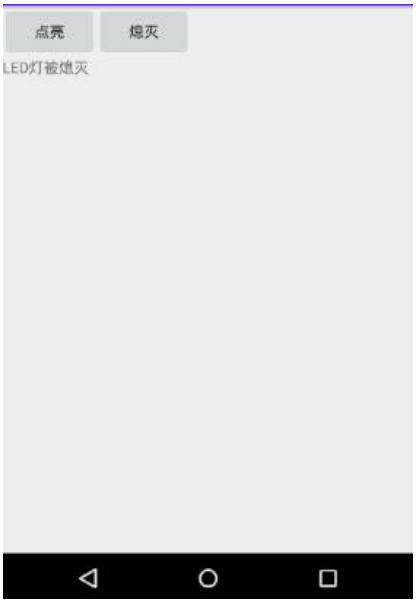
3 TextView LED





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LED

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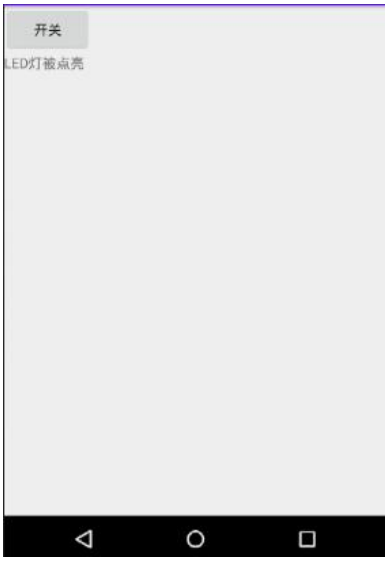
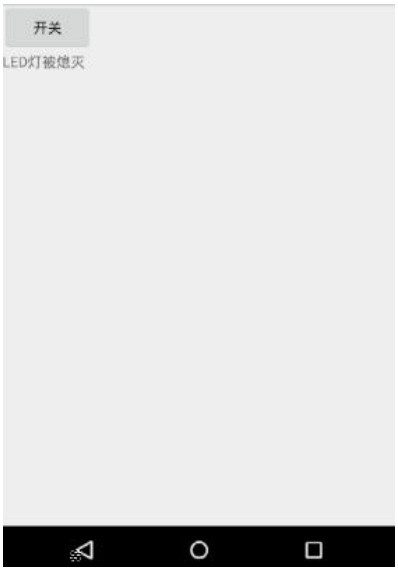
3 TextView LED





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LED

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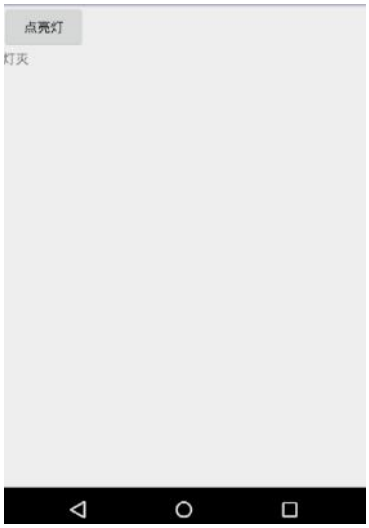
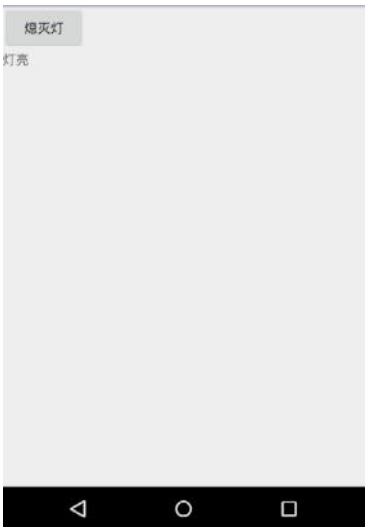
4 TextView





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LED

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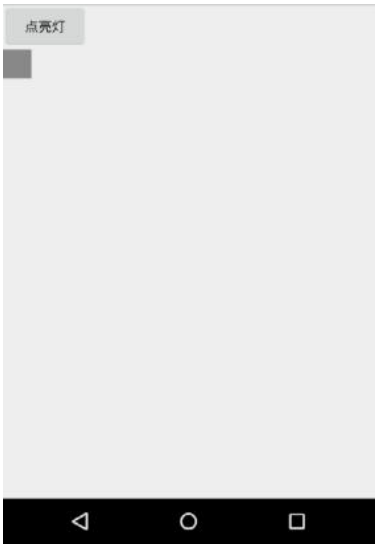
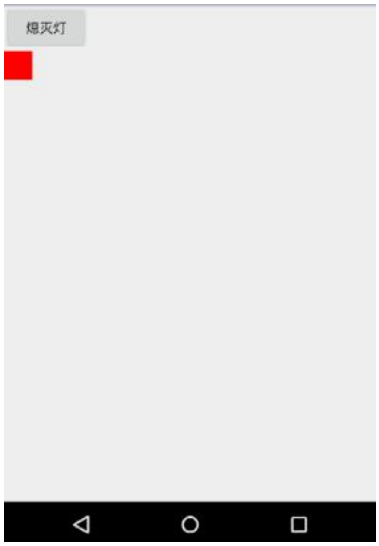
4 ImageView 30dp*30dp





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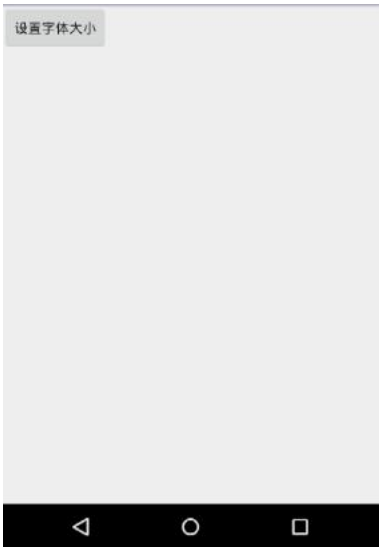

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