EVB_EC600X、EC800X

Quectel_EVB_EC600X、E800X _V3.2

2021-11-07

1016 3 B 5 200233
+86 21 51086236 info@quectel.com

http://www.quectel.com/cn/support/sales.htm

http://www.quectel.com/cn/support/technical.htm

EC600X— EC600 EC600N EC600U EC600M
EC800X— EC800 EC800M EC800E
EVB—
V3.X--

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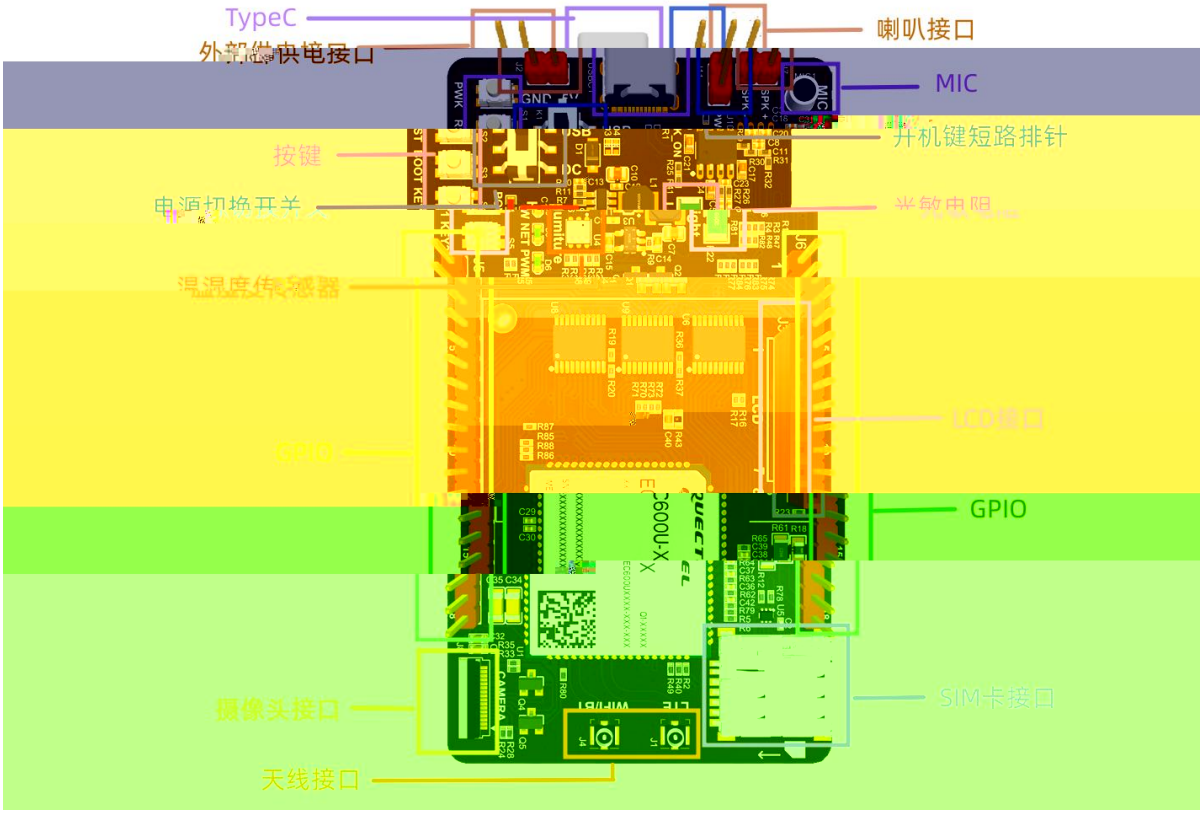
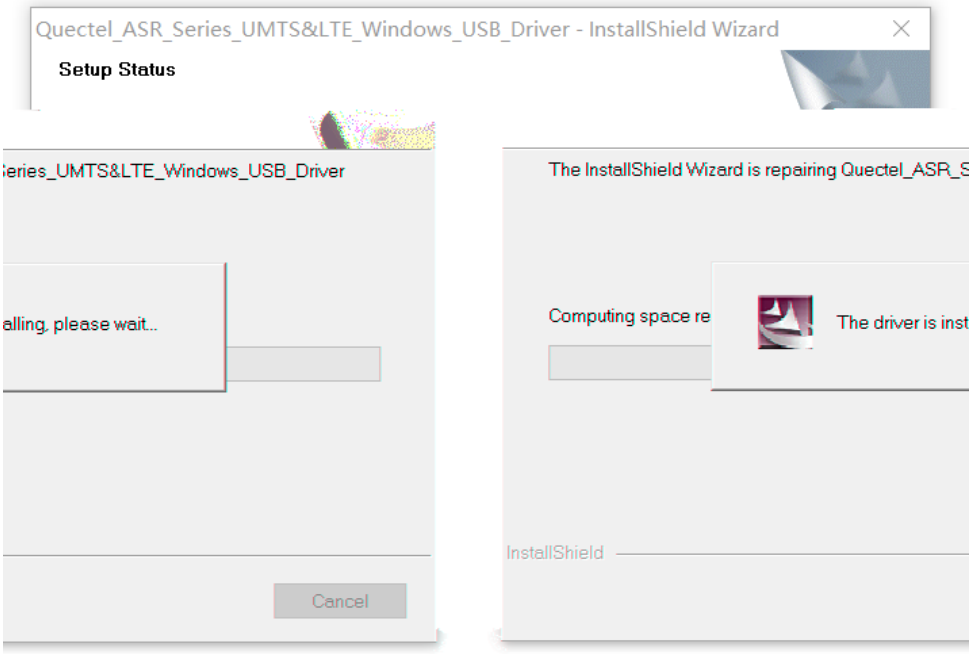
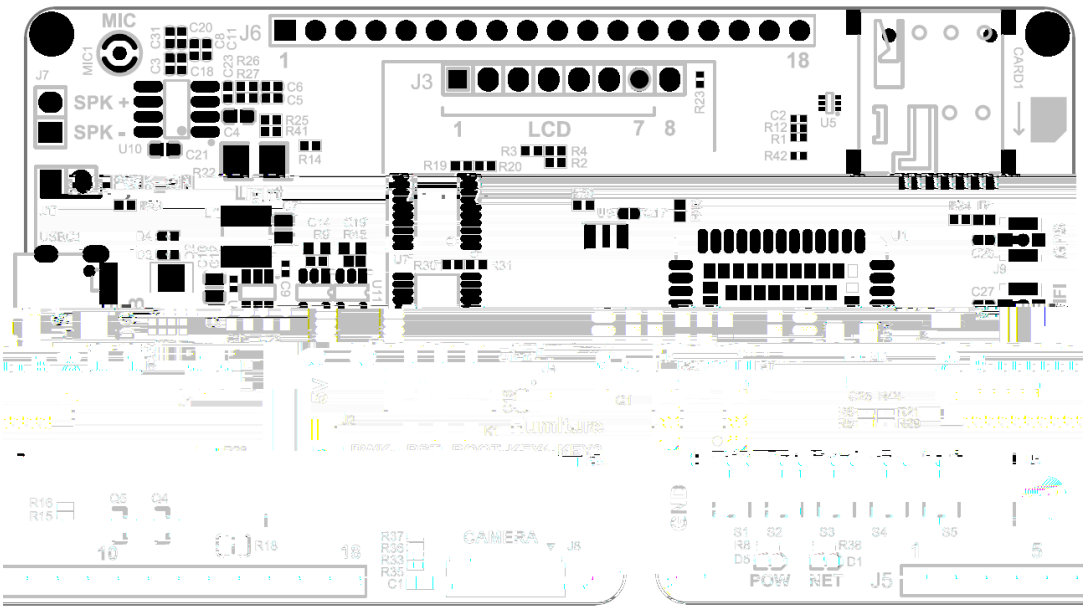

TypeC
外部供电接口
喇叭接口
MIC
开机键短路排针
按键
电源切换开关
光敏电阻
温湿度传感器
LCD接口
GPIO
GPIO
摄像头接口
SIM卡接口
天线接口

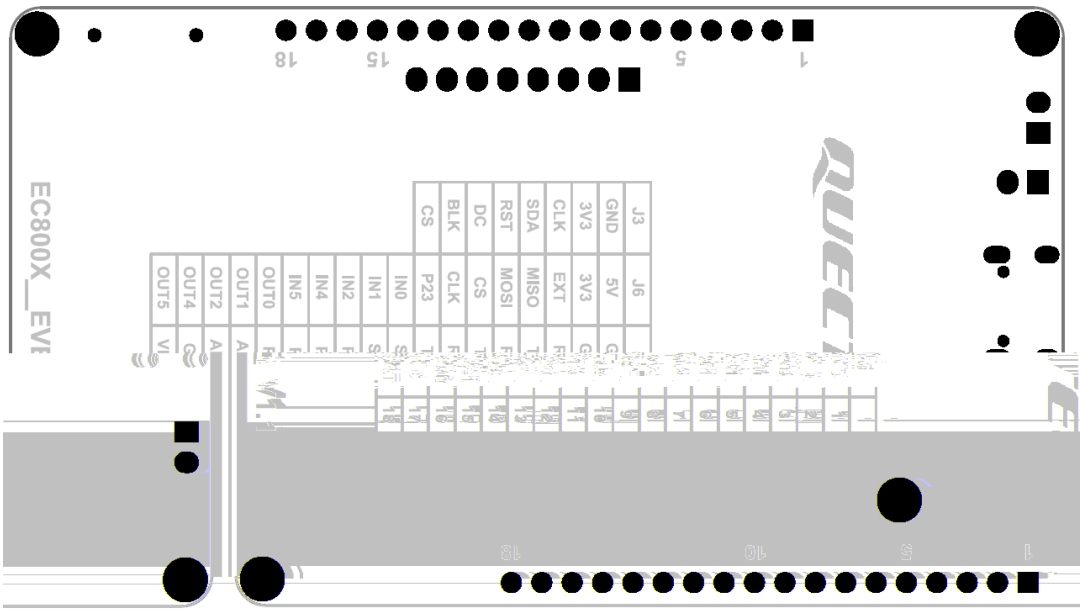
setup.exe

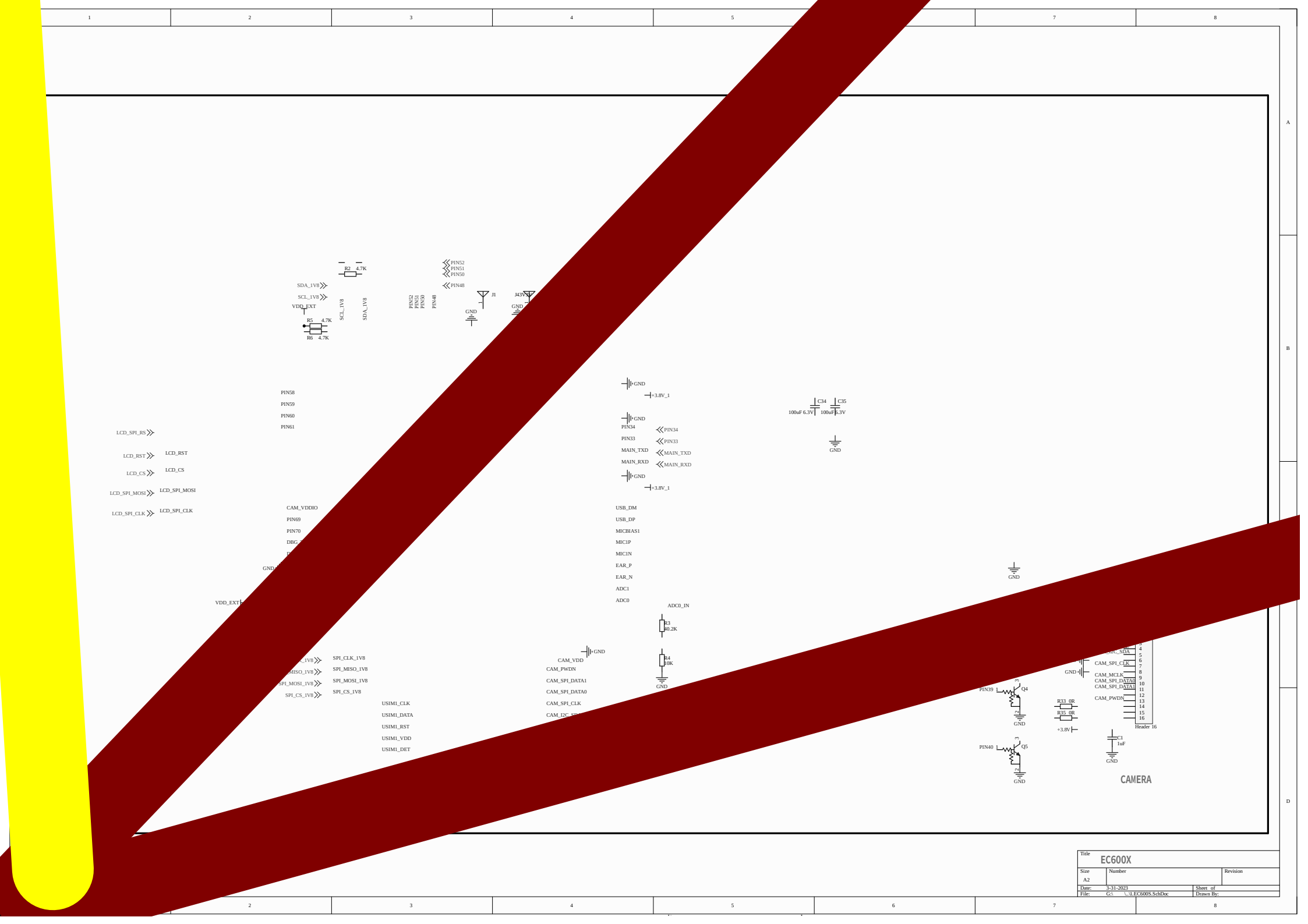

Quectel_ASR_Series_UMTS&LTE_Windows_USB_Driver - InstallShield Wizard
Setup Status
eries_UMTS&LTE_Windows_USB_Driver
alling, please wait...
Cancel
The InstallShield Wizard is repairing Quectel_ASR_S
Computing space re
The driver is inst
InstallShield

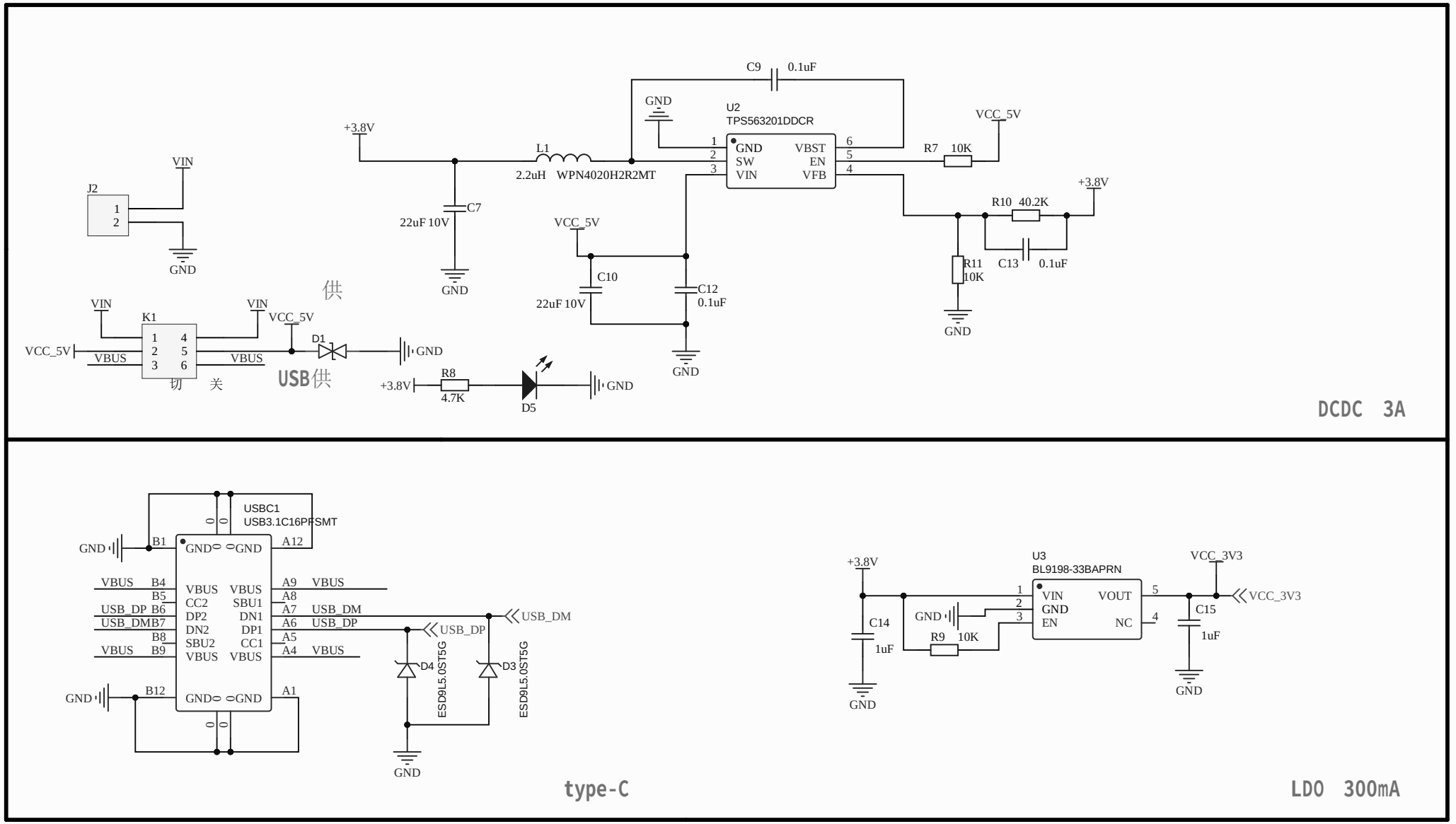
Quectel USB AT Port (COMx)
Quectel USB AP Log Port (COMx)
Quectel USB CP Log Port (COMx)
Quectel USB Diag Port (COMx)
Quectel USB MOS Port (COMx)
Quectel Modem (COMx)
Quectel USB Serial-1 Port (COMx)
Quectel USB Serial-2 Port (COMx)

小提示

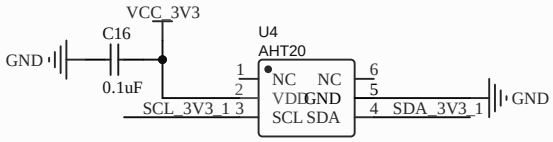

MIC
SPK +
SPK -
J6
J3
LCD
CAMERA
J5
POW
NET


EC800X_EVB
J3
J6
CS
BLK
DC
RST
SDA
CLK
3V3
GND
P23
CLK
CS
MOSI
MISO
EXT
3V3
5V
OUT5
OUT4
OUT2
OUT1
OUT0
IN5
IN4
IN2
IN1
IN0


R2 4.7K
SDA_1V8
SCL_1V8
VDD_EXT
R5 4.7K
R6 4.7K
PIN52
PIN51
PIN50
PIN48
J1
J43VNA
GND
C34 100uF 6.3V
C35 100uF 6.3V
+3.8V_1
PIN58
PIN59
PIN60
PIN61
PIN34
PIN33
MAIN_TXD
MAIN_RXD
LCD_SPI_RS
LCD_RST
LCD_CS
LCD_SPI_MOSI
LCD_SPI_CLK
CAM_VDDIO
PIN69
PIN70
USB_DM
USB_DP
MICBIAS1
MIC1P
MIC1N
EAR_P
EAR_N
ADC1
ADC0
ADC0_IN
R3 40.2K
R4 10K
CAM_VDD
CAM_PWDN
CAM_SPI_DATA1
CAM_SPI_DATA0
CAM_SPI_CLK
SPI_CLK_1V8
SPI_MISO_1V8
SPI_MOSI_1V8
SPI_CS_1V8
USIM1_CLK
USIM1_DATA
USIM1_RST
USIM1_VDD
USIM1_DET
PIN39
PIN40
Q4
Q5
R33 0R
R35 0R
CAM_MCLK
Header 16
C1 1uF
CAMERA
Title EC600X
Size A2
Number
Revision
Date: 3-31-2023
Sheet of
File: G:\...\LC600S.SchDoc
Drawn By:



Title		
Size A4	Number	Revision
Date: 3-31-2023		Sheet of
File: G:\ \..\2.POWER.SchDoc		Drawn By:



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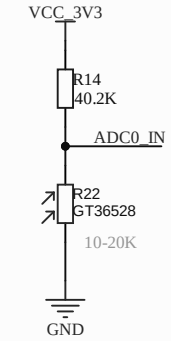

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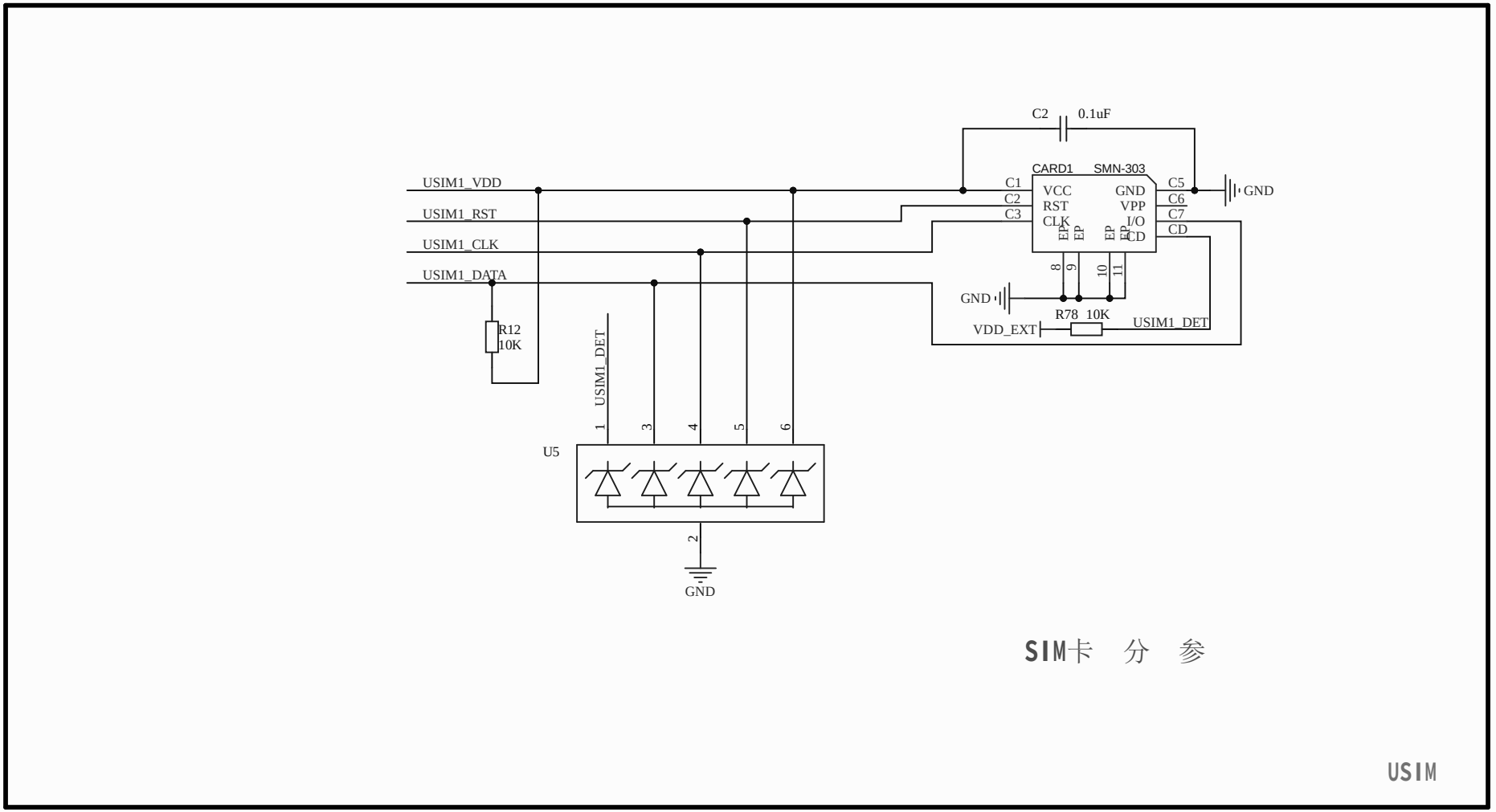
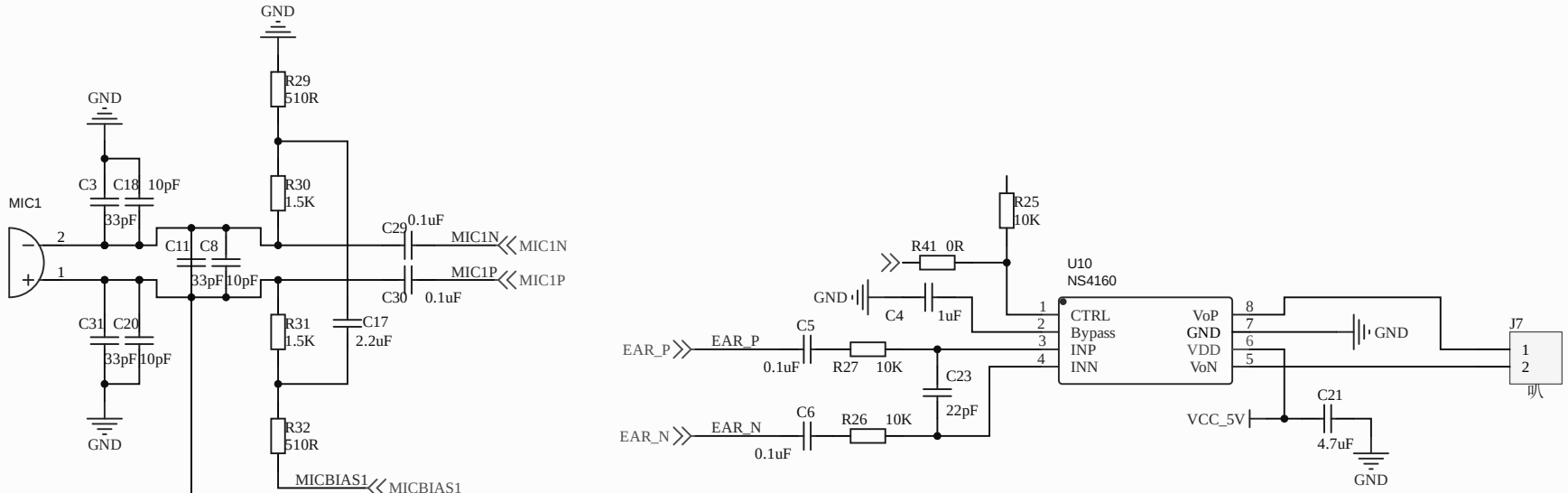
SENSOR

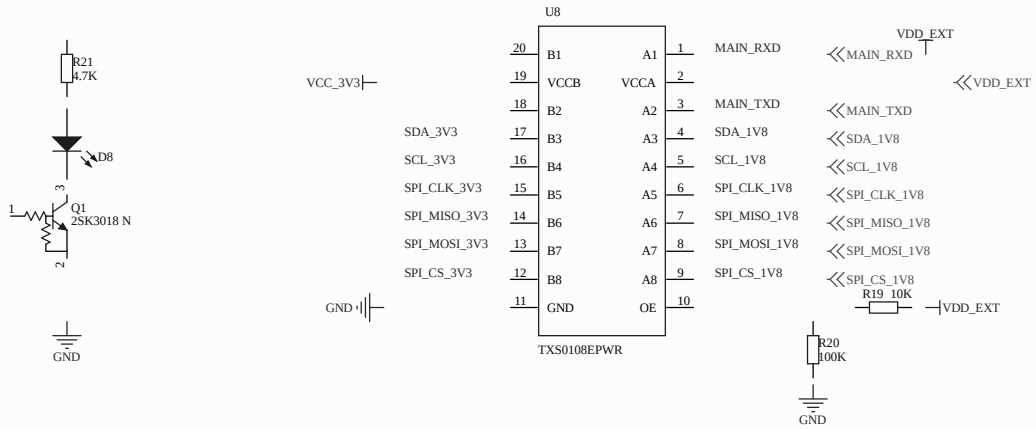
Title		
Size A4	Number	Revision
Date: 3-31-2023		Sheet of
File: G:\ \..\3.SENSOR+EEPROM.SchDoc		Drawn By:



Title		
Size A4	Number	Revision
Date: 3-31-2023		Sheet of
File: G:\ \..\4.SIM-CARD.SchDoc		Drawn By:

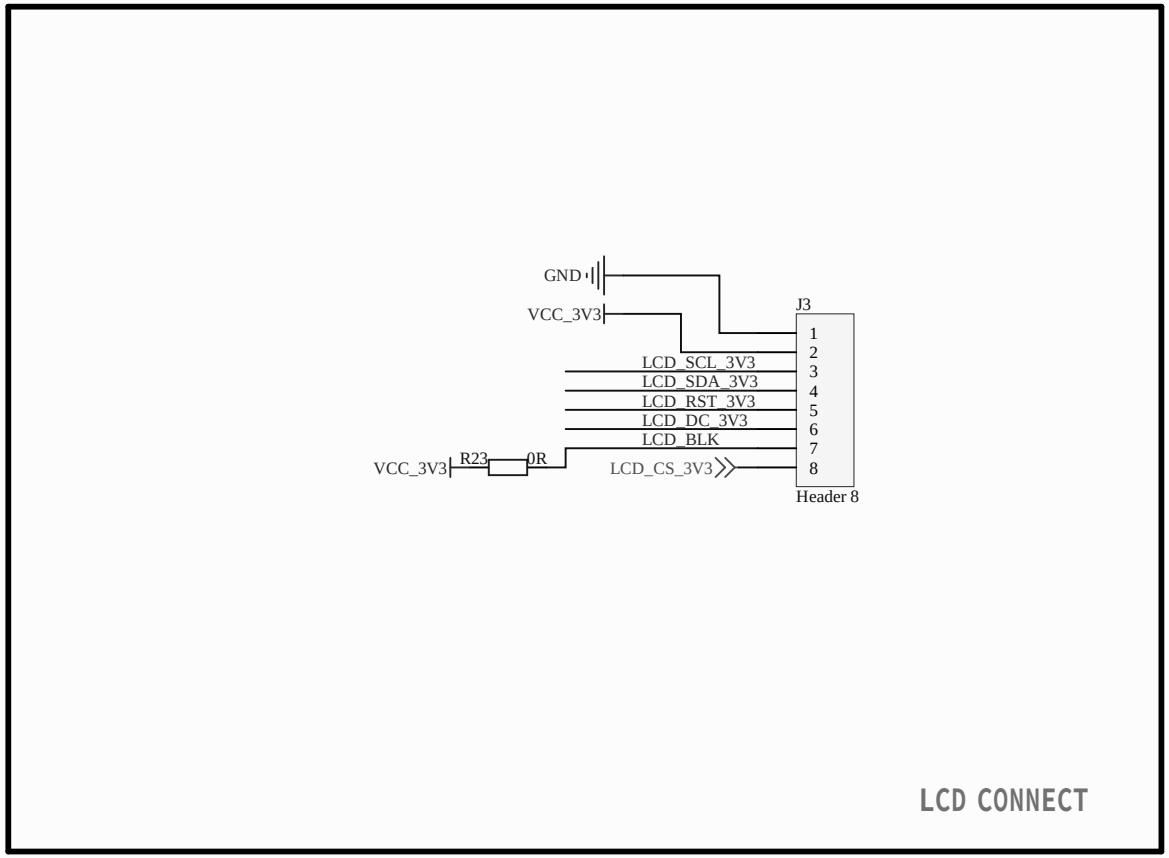


Title			
Size A4	Number		Revision
Date: 3-31-2023		Sheet of	
File: G:\ \..\5.AUDIO.SchDoc		Drawn By:	

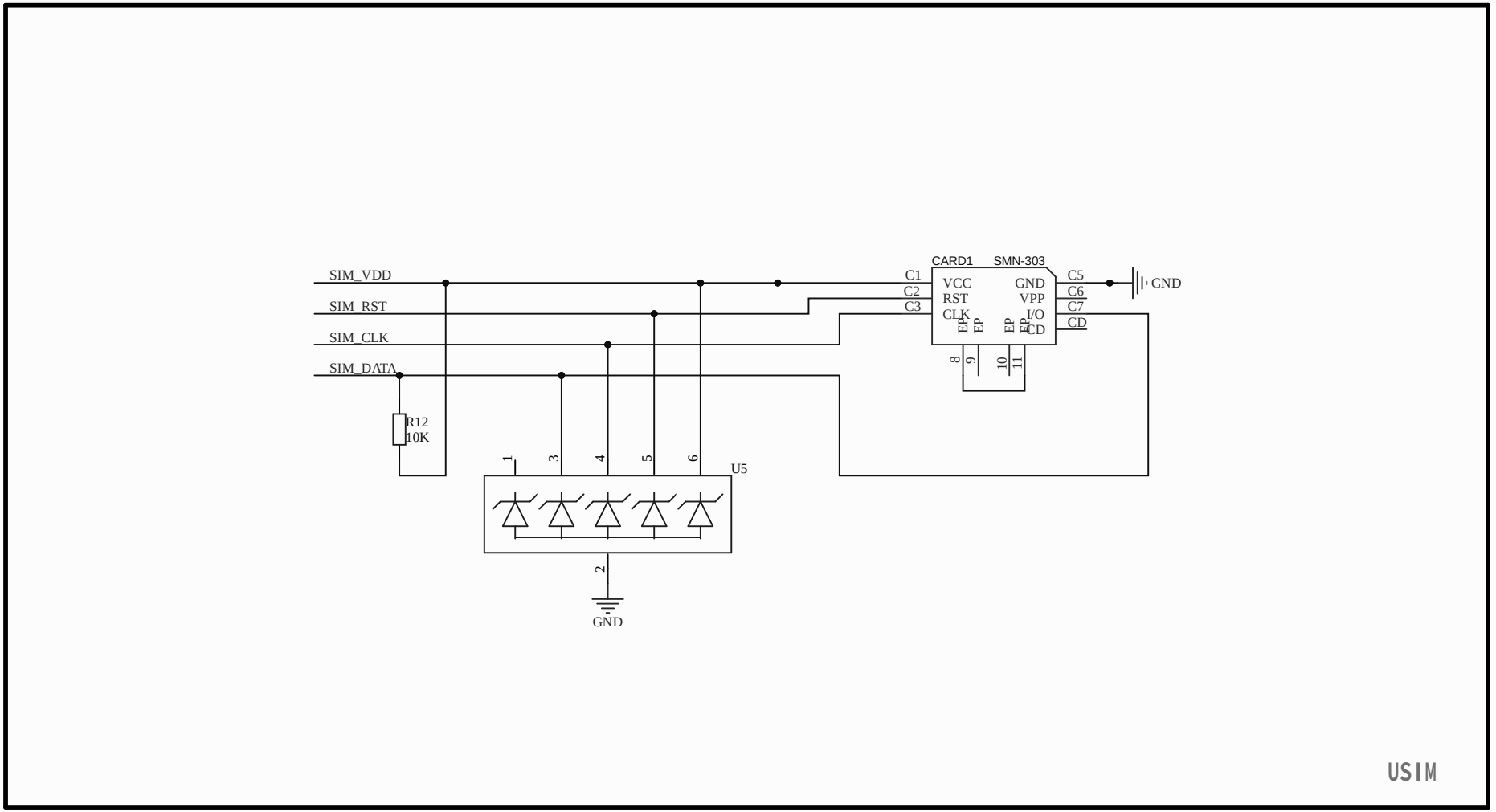


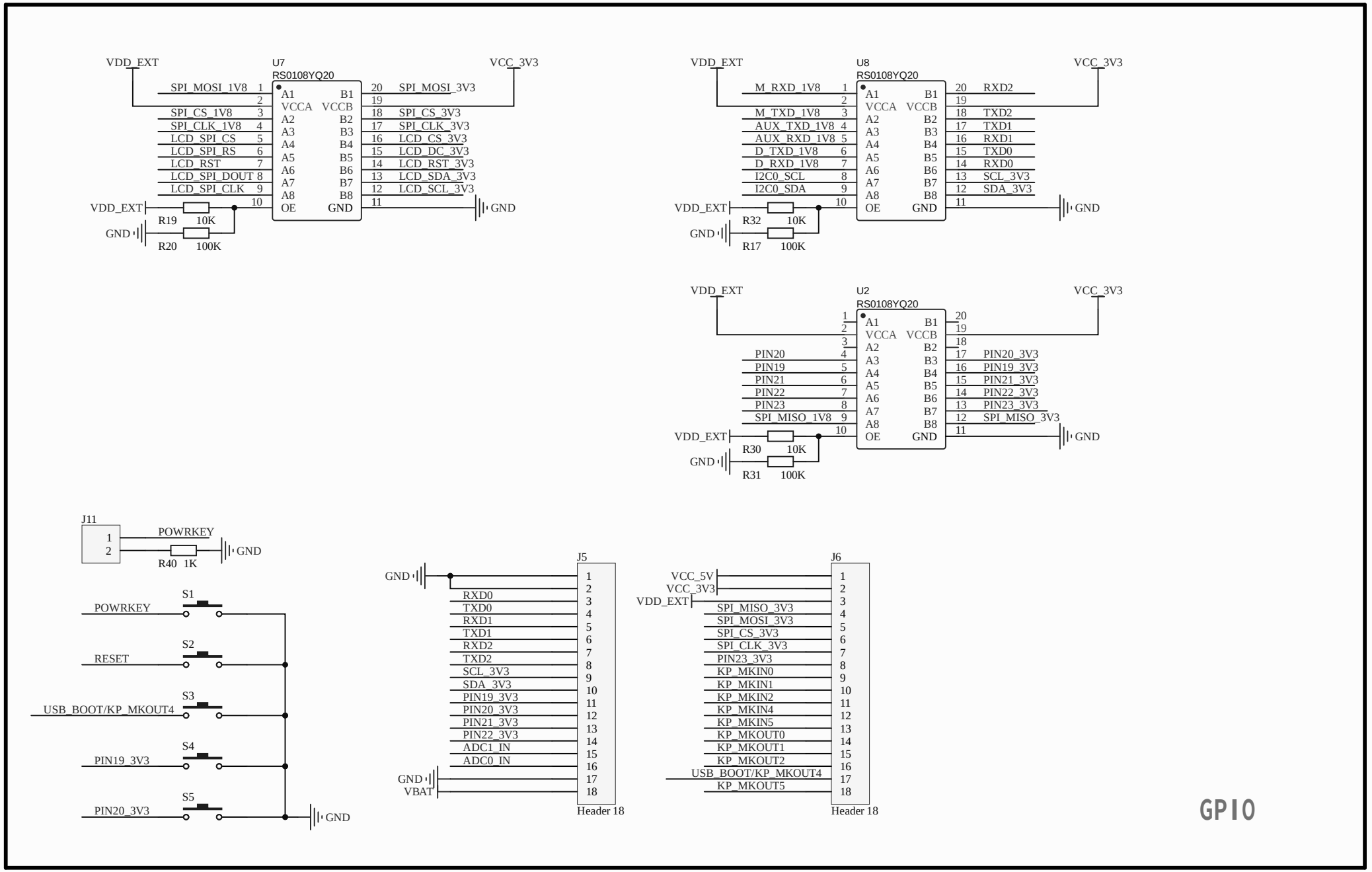
GPIO

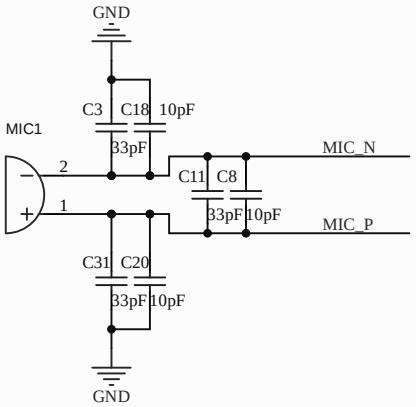
Title		
Size A3	Number	Revision
Date: 3-31-2023		Sheet of
File: G:\ \..\6.GPIO+UART.SchDoc		Drawn By:

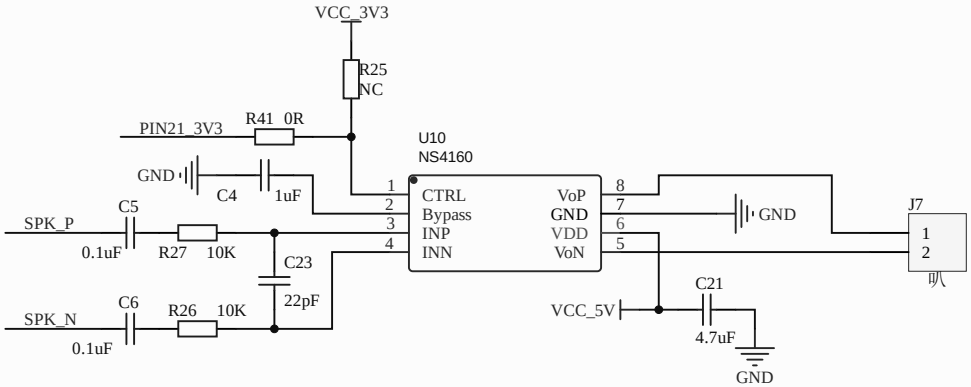


Title		
Size A4	Number	Revision
Date: 3-31-2023		Sheet of
File: G:\ \..\7.LCM.SchDoc		Drawn By:


SIM_VDD
SIM_RST
SIM_CLK
SIM_DATA
R12
10K
U5
1
3
4
5
6
2
GND
CARD1
SMN-303
C1
C2
C3
VCC
RST
CLK
GND
VPP
I/O
CD
C5
C6
C7
CD
EP
8
9
10
11
GND
USIM

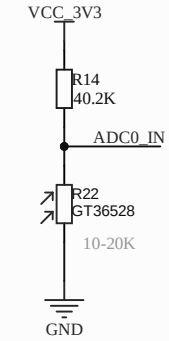

VDD_EXT
U7
RS0108YQ20
VCC_3V3
SPI_MOSI_1V8
SPI_CS_1V8
SPI_CLK_1V8
LCD_SPI_CS
LCD_SPI_RS
LCD_RST
LCD_SPI_DOUT
LCD_SPI_CLK
A1
VCCA
A2
A3
A4
A5
A6
A7
A8
OE
B1
VCCB
B2
B3
B4
B5
B6
B7
B8
GND
SPI_MOSI_3V3
SPI_CS_3V3
SPI_CLK_3V3
LCD_CS_3V3
LCD_DC_3V3
LCD_RST_3V3
LCD_SDA_3V3
LCD_SCL_3V3
R19 10K
R20 100K
U8
M_RXD_1V8
M_TXD_1V8
AUX_TXD_1V8
AUX_RXD_1V8
D_TXD_1V8
D_RXD_1V8
I2C0_SCL
I2C0_SDA
RXD2
TXD2
TXD1
RXD1
TXD0
RXD0
SCL_3V3
SDA_3V3
R32 10K
R17 100K
U2
PIN20
PIN19
PIN21
PIN22
PIN23
SPI_MISO_1V8
PIN20_3V3
PIN19_3V3
PIN21_3V3
PIN22_3V3
PIN23_3V3
SPI_MISO_3V3
R30 10K
R31 100K
J11
POWRKEY
R40 1K
S1
S2
RESET
S3
USB_BOOT/KP_MKOUT4
S4
PIN19_3V3
S5
PIN20_3V3
J5
VBAT
ADC1_IN
ADC0_IN
Header 18
J6
VCC_5V
KP_MKIN0
KP_MKIN1
KP_MKIN2
KP_MKIN4
KP_MKIN5
KP_MKOUT0
KP_MKOUT1
KP_MKOUT2
KP_MKOUT5
GPIO





AUDIO 分 参

AUDIO


VCC_3V3
R14
40.2K
ADC0_IN
R22
GT36528
10-20K
GND

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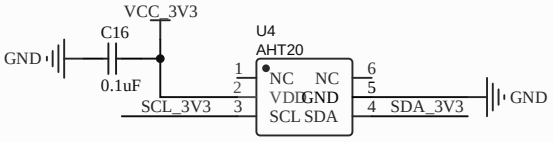
VCC_3V3
C16
0.1uF
GND
U4
AHT20
NC
NC
VDD
GND
SCL
SDA
SCL_3V3
SDA_3V3
GND

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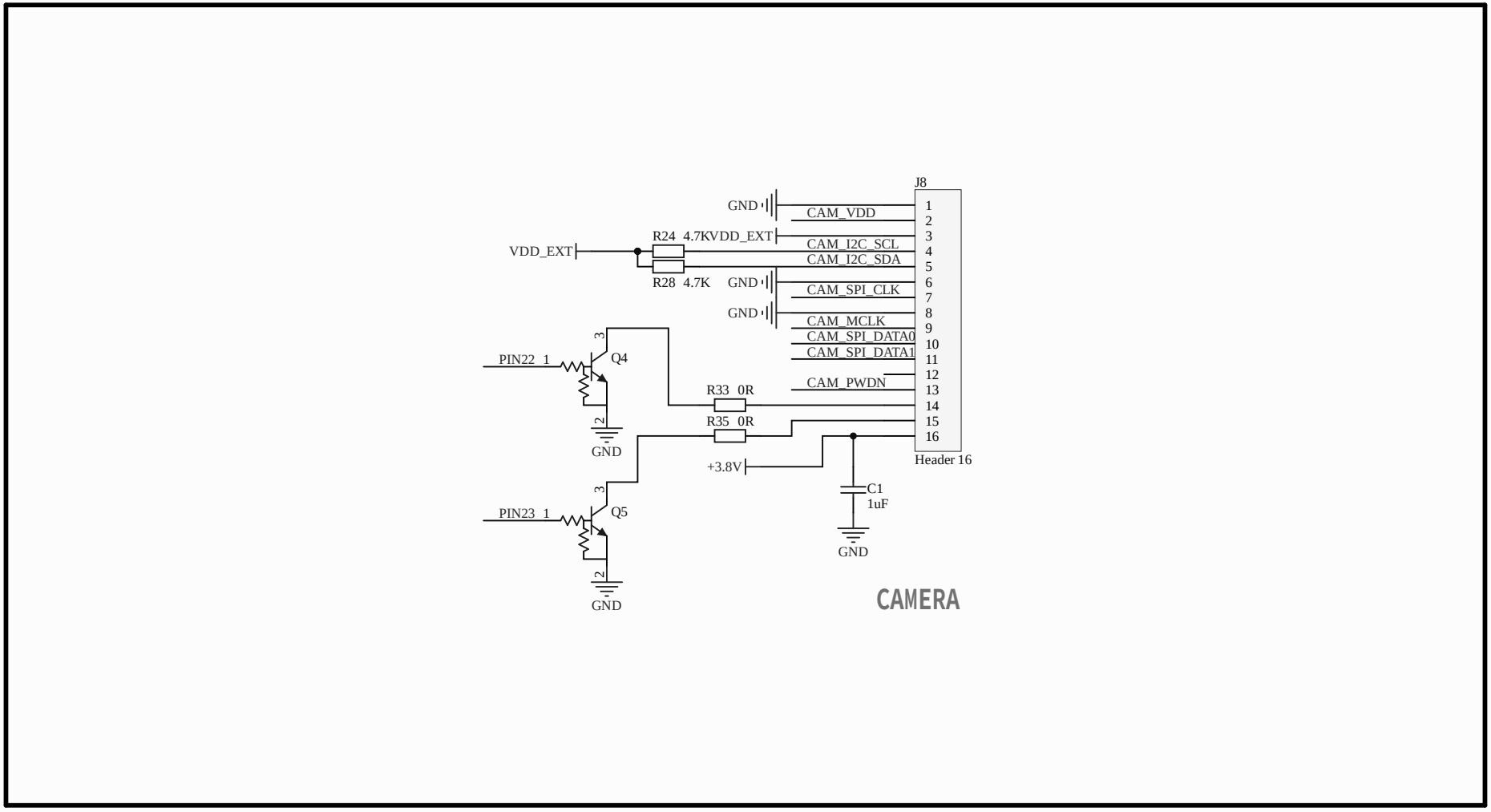
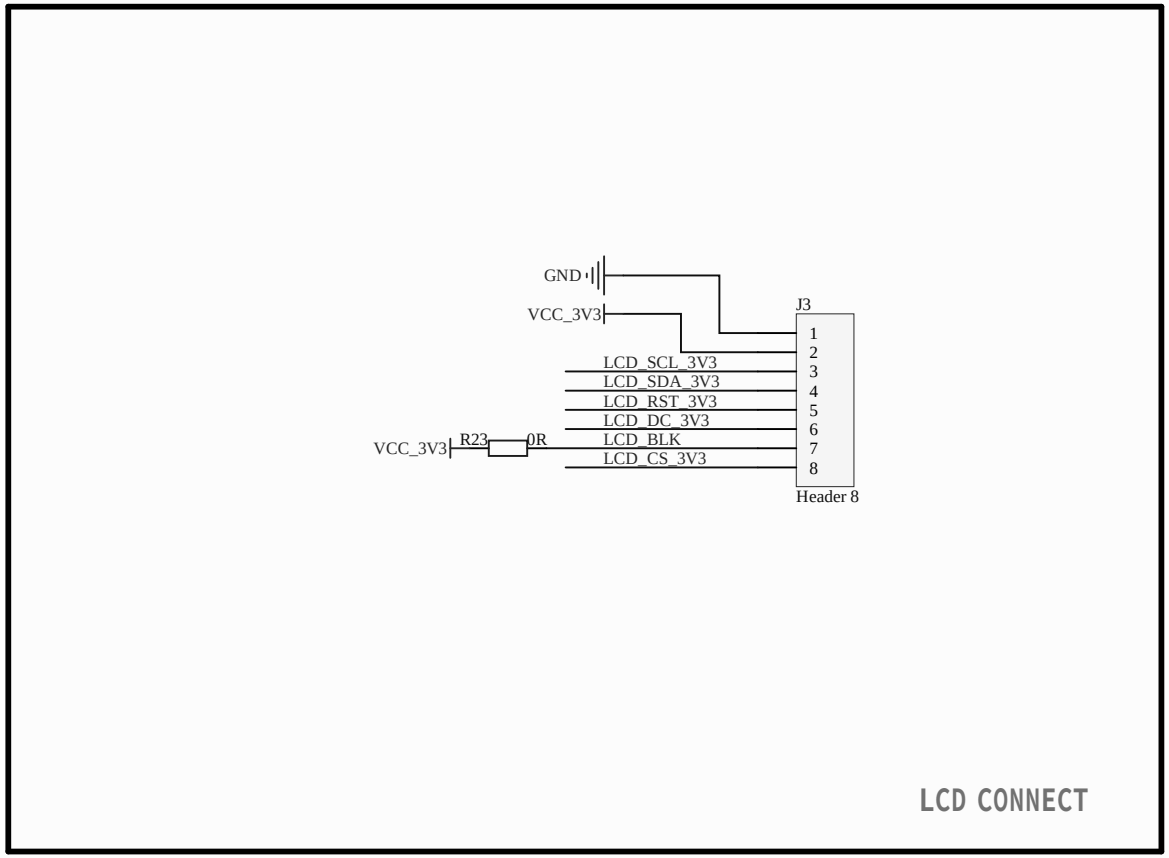
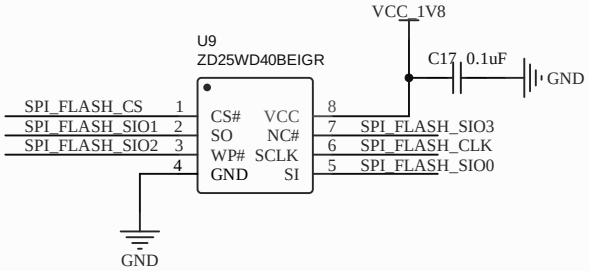
SENSOR


J8
GND
CAM_VDD
R24 4.7K
VDD_EXT
CAM_I2C_SCL
CAM_I2C_SDA
R28 4.7K
GND
CAM_SPI_CLK
GND
CAM_MCLK
CAM_SPI_DATA0
CAM_SPI_DATA1
PIN22 1
Q4
CAM_PWDN
R33 0R
R35 0R
GND
+3.8V
C1
1uF
PIN23 1
Q5
GND
GND
Header 16
CAMERA


GND
VCC_3V3
J3
1
2
3
4
5
6
7
8
LCD_SCL_3V3
LCD_SDA_3V3
LCD_RST_3V3
LCD_DC_3V3
LCD_BLK
LCD_CS_3V3
VCC_3V3
R23
0R
Header 8
LCD CONNECT


VCC_1V8
U9
ZD25WD40BEIGR
C17 0.1uF
GND
SPI_FLASH_CS 1
SPI_FLASH_SIO1 2
SPI_FLASH_SIO2 3
4
CS# VCC 8
SO NC# 7 SPI_FLASH_SIO3
WP# SCLK 6 SPI_FLASH_CLK
GND SI 5 SPI_FLASH_SIO0
GND

Flash