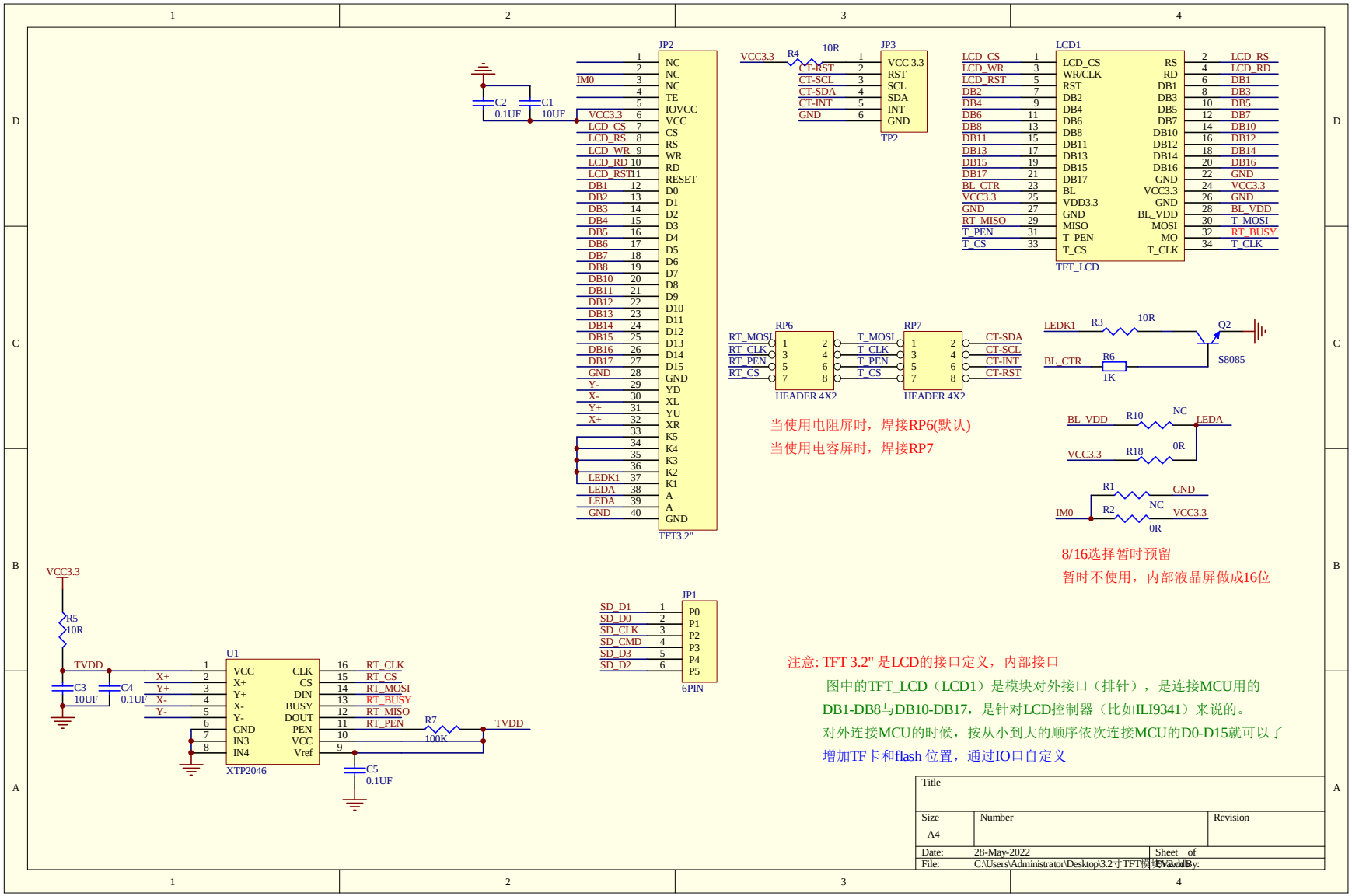
JP2
TFT3.2"
NC
NC
NC
TE
IOVCC
VCC
CS
RS
WR
RD
RESET
D0
D1
D2
D3
D4
D5
D6
D7
D8
D9
D10
D11
D12
D13
D14
D15
GND
YD
XL
YU
XR
K5
K4
K3
K2
K1
A
A
GND
IM0
VCC3.3
LCD_CS
LCD_RS
LCD_WR
LCD_RD
LCD_RST
DB1
DB2
DB3
DB4
DB5
DB6
DB7
DB8
DB10
DB11
DB12
DB13
DB14
DB15
DB16
DB17
GND
Y-
X-
Y+
X+
LEDK1
LEDA
LEDA
GND
C2
0.1UF
C1
10UF
JP3
TP2
VCC 3.3
RST
SCL
SDA
INT
GND
VCC3.3
R4
10R
CT-RST
CT-SCL
CT-SDA
CT-INT
GND
LCD1
TFT_LCD
LCD_CS
WR/CLK
RST
DB2
DB4
DB6
DB8
DB11
DB13
DB15
DB17
BL
VDD3.3
GND
MISO
T_PEN
T_CS
RS
RD
DB1
DB3
DB5
DB7
DB10
DB12
DB14
DB16
GND
VCC3.3
GND
BL_VDD
MOSI
MO
T_CLK
LCD_WR
LCD_RST
DB2
DB4
DB6
DB8
DB11
DB13
DB15
DB17
BL_CTR
VCC3.3
GND
RT_MISO
T_PEN
T_CS
LCD_RS
LCD_RD
DB1
DB3
DB5
DB7
DB10
DB12
DB14
DB16
GND
VCC3.3
GND
BL_VDD
T_MOSI
T_CLK
RT_BUSY
T_CLK
RP6
HEADER 4X2
RP7
HEADER 4X2
RT_MOSI
RT_CLK
RT_PEN
RT_CS
T_MOSI
T_CLK
T_PEN
T_CS
CT-SDA
CT-SCL
CT-INT
CT-RST
当使用电阻屏时，焊接RP6(默认)
当使用电容屏时，焊接RP7
LEDK1
R3
10R
Q2
S8085
BL_CTR
R6
1K
BL_VDD
R10
NC
LEDA
VCC3.3
R18
0R
R1
GND
IM0
R2
NC
VCC3.3
0R
8/16选择暂时预留
暂时不使用，内部液晶屏做成16位
VCC3.3
R5
10R
TVDD
C3
10UF
C4
0.1UF
U1
XTP2046
VCC
X+
Y+
X-
Y-
GND
IN3
IN4
CLK
CS
DIN
BUSY
DOUT
PEN
VCC
Vref
X+
Y+
X-
Y-
RT_CLK
RT_CS
RT_MOSI
RT_BUSY
RT_MISO
RT_PEN
R7
100K
TVDD
C5
0.1UF
JP1
6PIN
SD_D1
SD_D0
SD_CLK
SD_CMD
SD_D3
SD_D2
P0
P1
P2
P3
P4
P5
注意: TFT 3.2" 是LCD的接口定义，内部接口
图中的TFT_LCD（LCD1）是模块对外接口（排针），是连接MCU用的
DB1-DB8与DB10-DB17，是针对LCD控制器（比如ILI9341）来说的。
对外连接MCU的时候，按从小到大的顺序依次连接MCU的D0-D15就可以了
增加TF卡和flash 位置，通过IO口自定义
Title
Size
A4
Number
Revision
Date:
28-May-2022
Sheet of
File:
C:\Users\Administrator\Desktop\3.2寸TFT模块.SchDoc
Drawn By: