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***Powered By:***  
***System Application dept.***

	Title: F030R8T7-TOUCH
	Name: Cover Page
Drawn by:***	Revision: 0.1
Checked by:***	Date: 2021/11/1
Approved by:***	Size: A4
	Sheet: 1/6

ADC11 PA0 SEG23 SEG13  
 ADC10 PA1  
 DBG\_TX2 PA2 SEG21  
 ADC9 DBG\_RX2 PA3 SEG20  
 ADC1 PA4 SEG19 SEG14  
 ADC2 PA5 SEG18 LCDBK\_PWR  
 ADC3 PA6 SEG17  
 ADC4 PA7 SEG16  
 PA8 SEG0 SEG0  
 PA9 COM0 COM0

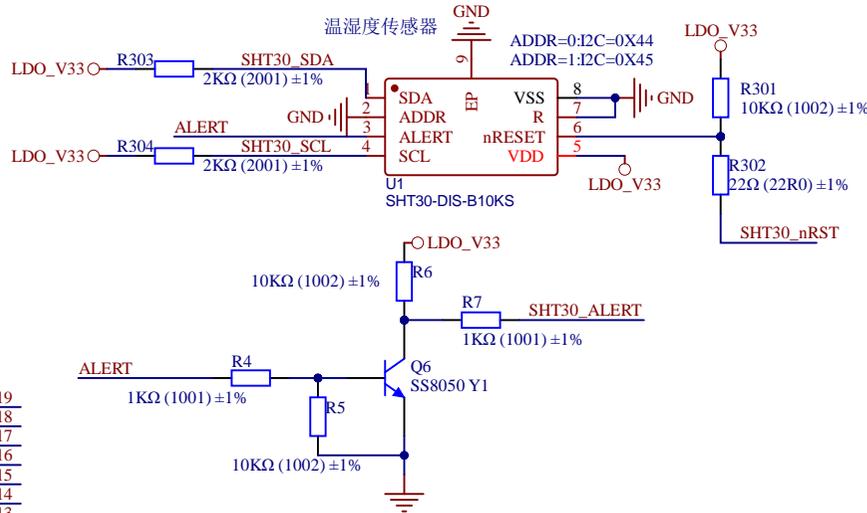
TK0 PA10 COM1 COM1  
 TK1 PA11 COM2 COM2  
 TK2 PA12 COM3 COM3  
 TK3 MCU\_SWDIO PA13  
 TK6 MCU\_SWCLK PA14  
 TK7 PA15 TK\_LEFT

ADC7 PB0 SEG13 SEG15  
 PB1 SEG12  
 PB2 SEG11  
 TK12 PB3 SEG35/VLCDH  
 TK13 PB4 SEG34/VLCD4  
 TK14 PB5 SEG33/VLCD3  
 TK15 PB6 SEG32/VLCD2 TK\_OK  
 TKSHIELD PB7 SEG31/VLCD1 SHT30\_nRST  
 TK\_REG PB8 SEG29 TK\_REG  
 TK\_CS PB9 SEG28 TK\_CS  
 PB10 SEG10  
 PB11 SEG9 SEG9  
 PB12 SEG8 SEG8  
 PB13 SEG7 SEG7  
 PB14 SEG6 SEG6  
 PB15 SEG5 SEG5

SEG9	14	S101112 5		24	SEG19
SEG8	13	S9876		23	SEG18
SEG7	12	4BGCP	COL1	22	SEG17
SEG6	11	3BGCP	COL2	21	SEG16
SEG5	10	2BGCP	COL2	20	SEG15
SEG4	9	1BGCP	COL2	19	SEG14
SEG3	8	7AFED	8AFED	18	SEG13
SEG2	7	6BGCP	7BGCP	17	SEG12
SEG1	6	5AFED	6AFED	16	SEG11
COM0	4	5BGCP	5AFED	15	SEG10
COM1	3	COM1	COM1		
COM2	2	COM2	COM2		
COM3	1	COM3	COM3		

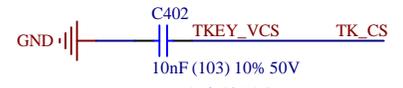
SEG19 PC0 SEG27 ADC15  
 SEG17 PC1 SEG26 ADC14  
 SEG16 PC2 SEG25 ADC13  
 SEG18 PC3 SEG24 ADC12  
 SEG10 PC4 SEG15 ADC5  
 SEG11 PC5 SEG14 ADC6  
 SEG4 PC6 SEG4  
 SEG3 PC7 SEG3  
 SEG2 PC8 SEG2  
 SEG1 PC9 SEG1  
 TK\_UP PC10 SEG39/COM4 TK8  
 TK\_RIGHT PC11 SEG38/COM5 TK9  
 TK\_RETURN PC12 SEG37/COM6 TK10  
 SHT30\_ALERT PC13 USER\_PB  
 EXTLDO\_EN PC14  
 LCDBK\_EN PC15

IRM\_OUT PD0  
 BUZZER PD1  
 TK\_DOWN PD2 SEG36/COM7 TK11  
 PD3 SEG30 BOOT0 USER\_LED  
 PD4 ADC8  
 SEG12 PD5 SEG22 ADC0  
 SHT30\_SCL PD6 TK4  
 SHT30\_SDA PD7 TK5

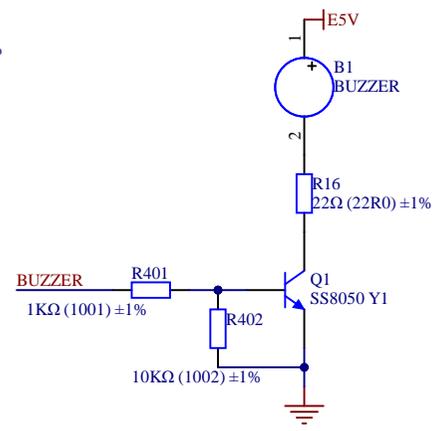


确认	TK_OK	TK15
返回	TK_RETURN	TK10
下	TK_DOWN	TK11
右	TK_RIGHT	TK9
左	TK_LEFT	TK7
上	TK_UP	TK8

TOUCH按键



电容稳定性:X7R/X5R  
 电容放置靠近MCU  
 电容稳定性:NP0或以上



	Title: F030R8T7-TOUCH
	Name: MCU
	Revision: 0.1
	Date: 2021/11/1
Drawn by:***	Size: A4
Checked by:***	Sheet: 3/6
Approved by:***	



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A

A

B

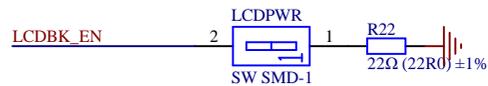
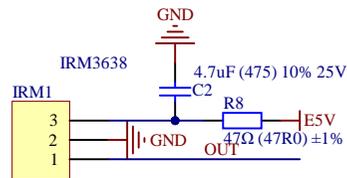
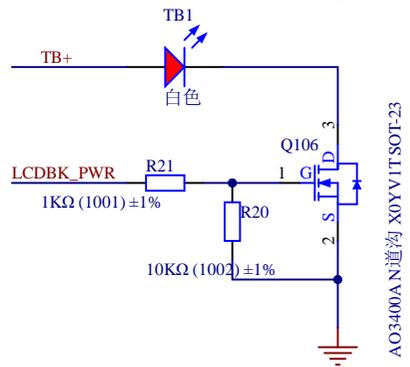
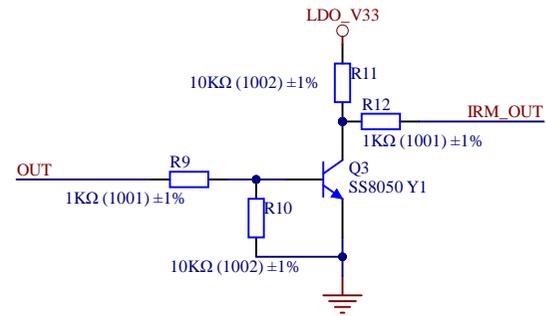
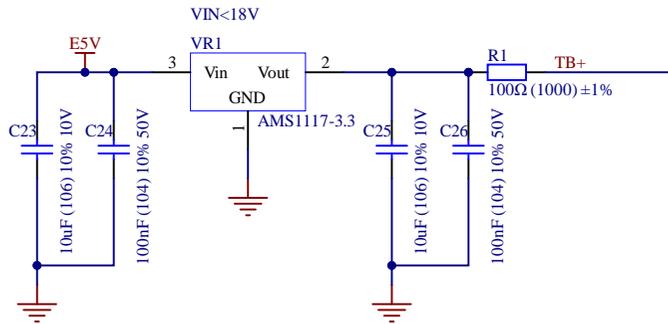
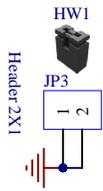
B

C

C

D

D



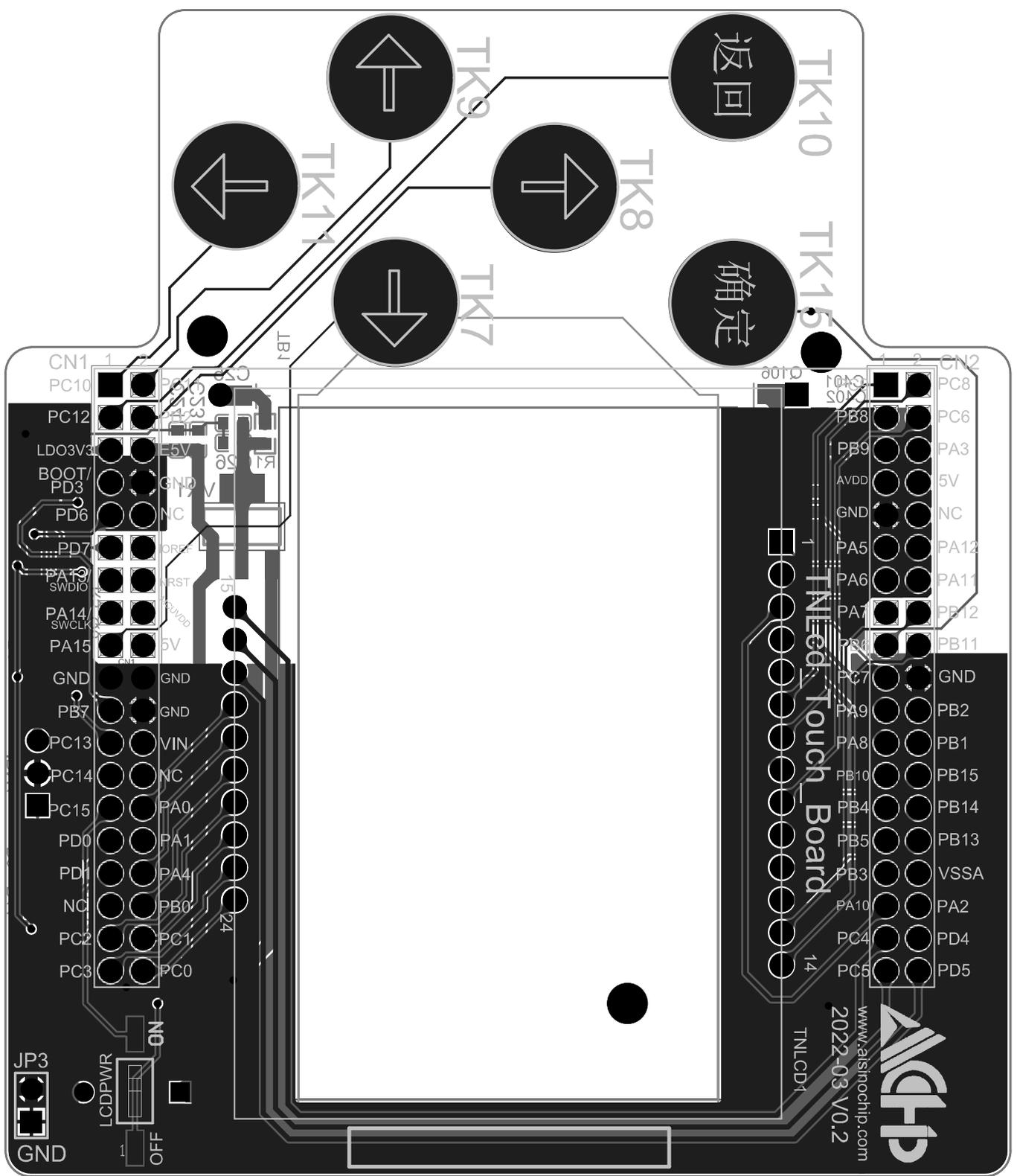
	Title: F030R8T7-CORE
	Name: PWR
Revision: 0.1	Date: 2021/11/1
Drawn by: ***	Size: A4
Checked by: ***	Sheet: 6/6
Approved by: ***	

1

2

3

4



返回

确定

TK10

TK15

TK8

TK9

TK7

TK11

TINed Touch Board

TNLCD1

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CN1

CN2

- PC10
- PC12
- LDO3V3
- BOOT/PD3
- PD6
- PD7
- PA13 SWDIO
- PA14 SWCLK
- PA15
- GND
- PB7
- PC13
- PC14
- PC15
- PD0
- PD1
- NC
- PC2
- PC3

- PC8
- PC6
- PA3
- 5V
- NC
- PA12
- PA11
- PB12
- PB11
- GND
- PB2
- PB1
- PB15
- PB14
- PB13
- VSSA
- PA2
- PD4
- PD5

JP3  
GND

LCDPWR  
OFF