




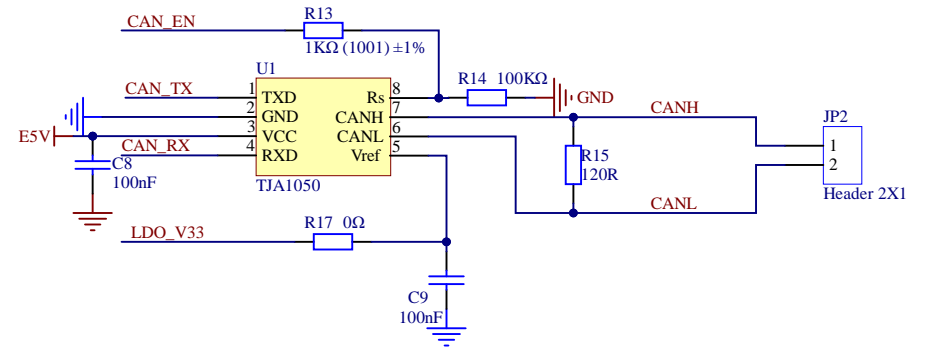
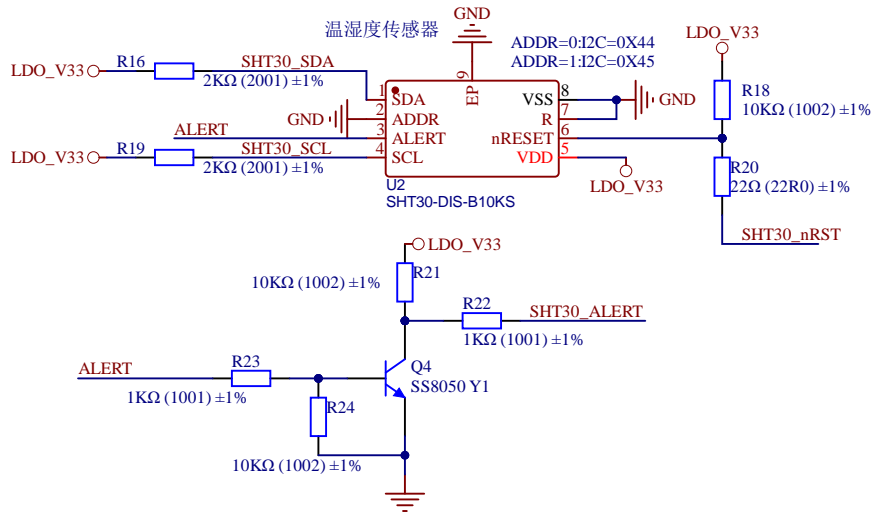
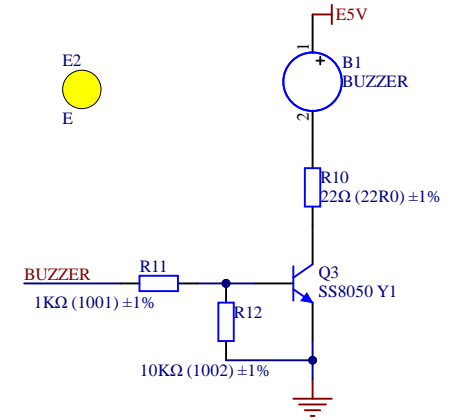
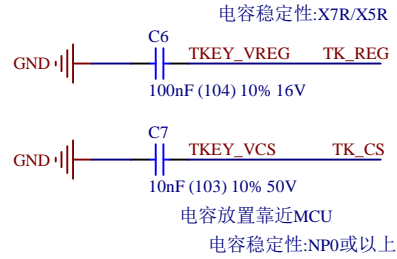
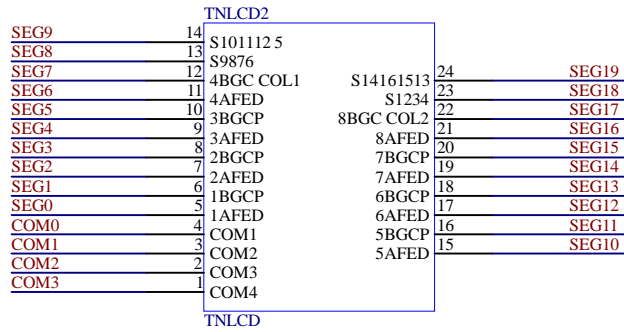
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Powered By:
System Application dept.

	Title: F030R8T7-TOUCH
	Name: *
	Revision: 0.1
Drawn by: ***	Date: 2023/5/29
Checked by: ***	Size: A4
Approved by: ***	Sheet: 1/6



	Title: F030R8T7-TOUCH
	Name: *
	Revision: 0.1
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Drawn by:***	Sheet: 3/6
Checked by:***	
Approved by:***	

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E1
E

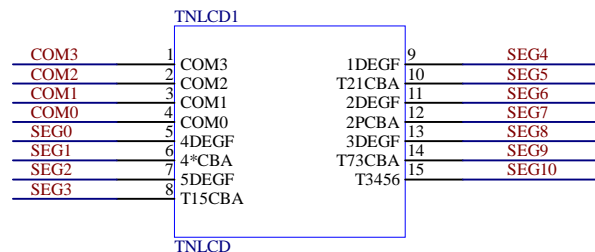
A

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C

D

GPIO	其他	ACD	LCD1	LCD2	温湿度	触摸2	触摸1	LCD3
PA0		ADC11	SEG23	SEG13				
PA1								
PA2	DBG_TX2	ADC10	SEG21					
PA3	DBG_RX2	ADC9	SEG20					
PA4		ADC1	SEG19	SEG14				
PA5		ADC2	SEG18	LCDBK_PWR				
PA6		ADC3	SEG17					
PA7		ADC4	SEG16					
PA8			SEG0	SEG0				SEG0
PA9			COM0	COM0				COM0
PA10			COM1	COM1		TK0		COM1
PA11			COM2	COM2		TK1		COM2
PA12			COM3	COM3		TK2		COM3
PA13	MCU_SWDIO						TK3	
PA14	MCU_SWCLK						TK6	
PA15						TK_LEFT	TK7	
PB0		ADC7	SEG13	SEG15				
PB1			SEG12					
PB2			SEG11					
PB3			SEG35/VLCDH				TK12	
PB4			SEG34/VLCD4				TK13	
PB5			SEG33/VLCD3				TK14	
PB6			SEG32/VLCD2			TK_OK	TK15	
PB7			SEG31/VLCD1		SHT30_nRST		TKSHIELD	
PB8			SEG29			TK_REG	TK_REG	
PB9			SEG28			TK_CS	TK_CS	
PB10	BUZZER		SEG10					
PB11			SEG9	SEG9				SEG9
PB12			SEG8	SEG8				SEG8
PB13			SEG7	SEG7				SEG7
PB14			SEG6	SEG6				SEG6
PB15			SEG5	SEG5				SEG5
PC0	IRM_OUT	ADC15	SEG27	SEG19				
PC1		ADC14	SEG26	SEG17				
PC2		ADC13	SEG25	SEG16				
PC3		ADC12	SEG24	SEG18				
PC4		ADC5	SEG15	SEG10				SEG10
PC5		ADC6	SEG14	SEG11				
PC6			SEG4	SEG4				SEG4
PC7			SEG3	SEG3				SEG3
PC8			SEG2	SEG2				SEG2
PC9			SEG1	SEG1				SEG1
PC10			SEG39/COM4			TK_UP	TK8	
PC11			SEG38/COM5			TK_RIGHT	TK9	
PC12			SEG37/COM6			TK_RETURN	TK10	
PC13	USER_PB				SHT30_ALERT			
PC14	EXTLDO_EN			LCDBK_EN				
PC15								
PD0								CAN_RX
PD1								CAN_TX
PD2			SEG36/COM7			TK_DOWN	TK11	
PD3	USER_LED_BOOT0		SEG30					
PD4		ADC8						CAN_EN
PD5		ADC0	SEG22	SEG12				
PD6					SHT30_SCL		TK4	
PD7					SHT30_SDA		TK5	



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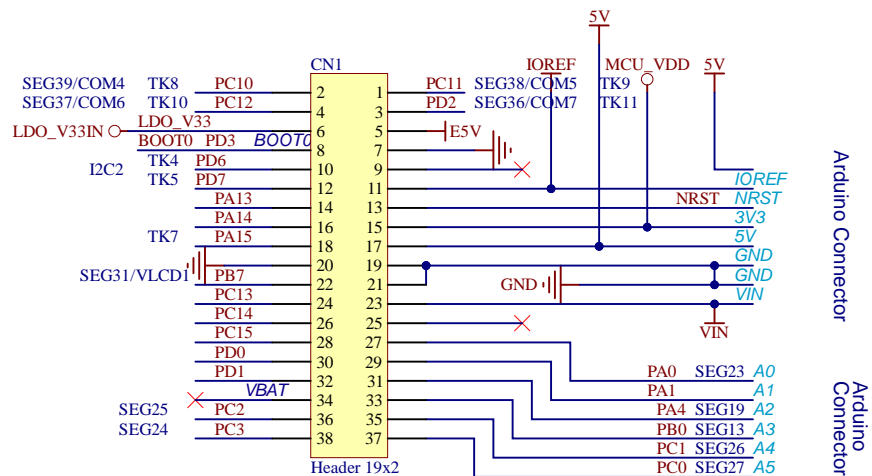
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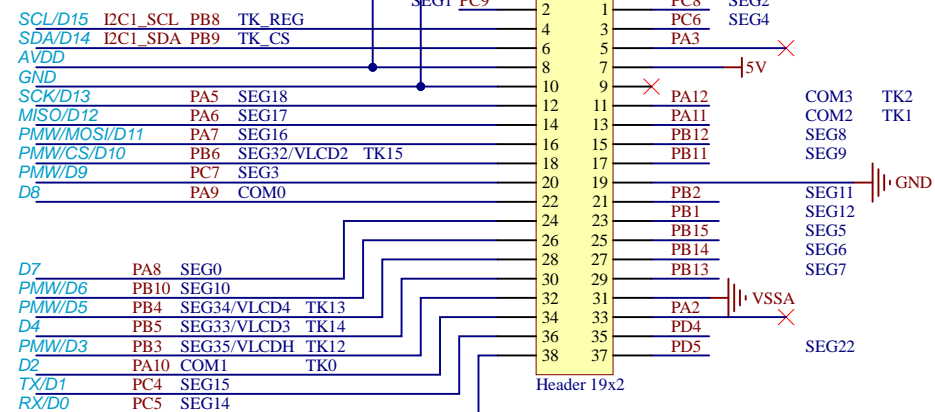
WARNING voltage applied to VIN <12V



MCU

Arduino Connector

Arduino Connector



Title: F030R8T7-CORE

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C

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