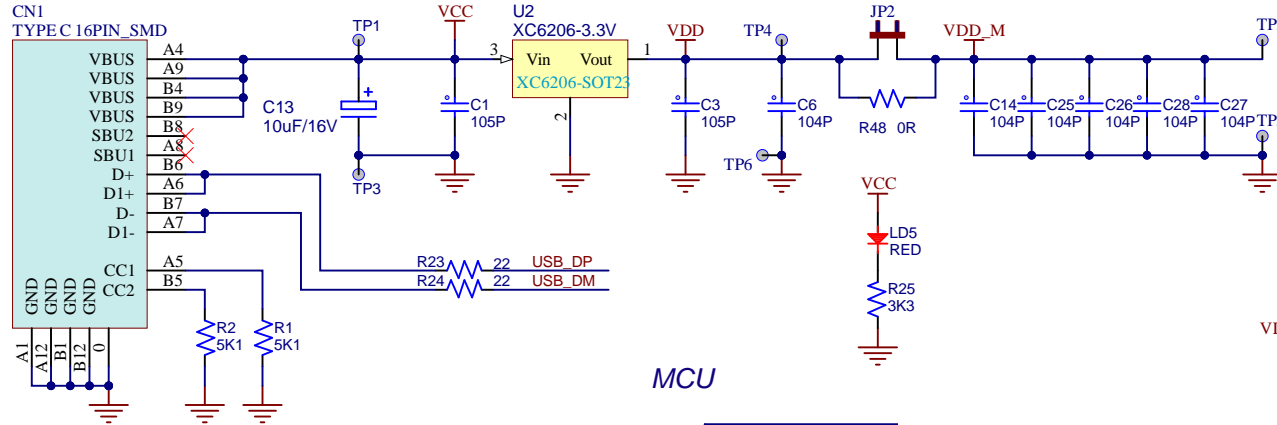


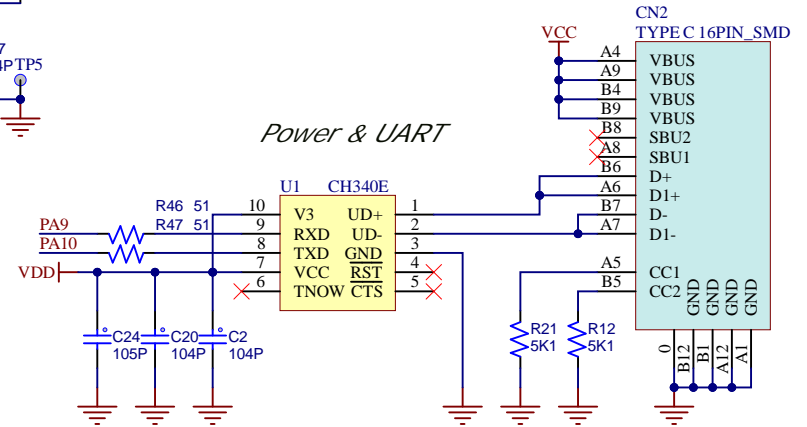
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Sheet Title		Titil	
Size	A4	Rev	A
Sheet	1	Checked	Li Hongpeng
Data	2023.07.07	Approved	Chen Do



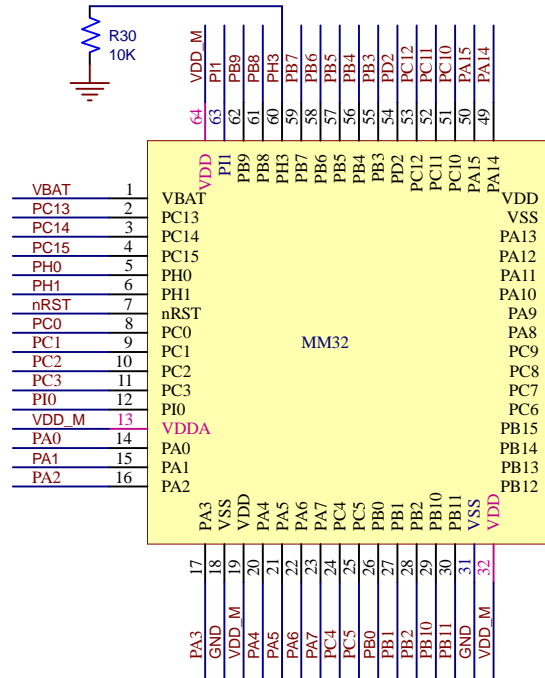
Power / USB Device



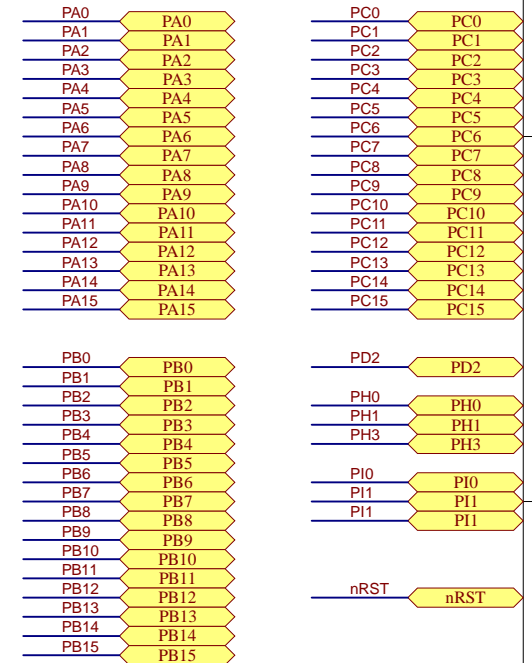
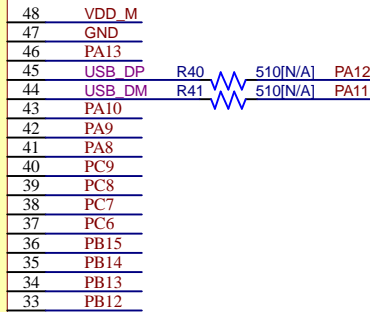
Power & UART



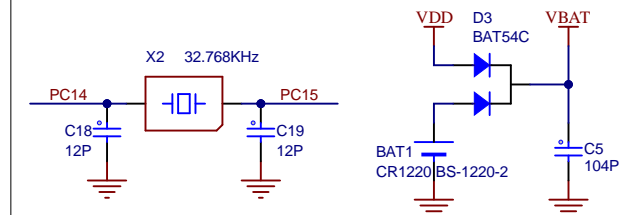
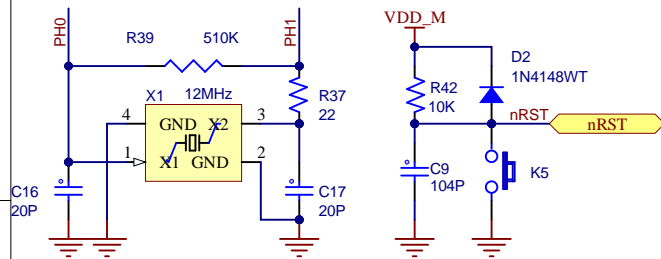
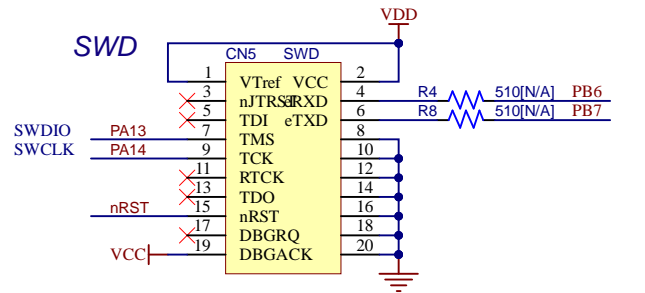
MCU



U3 MM32F5333D7P



SWD



Project Title		MB083_Miniboard_MM32F5333D7P	
Sheet Title	Titil		
Size	A4	Rev	A
Sheet	2	Checked	Li Hongpeng
Data	2023.07.07	Approved	Chen Do



1

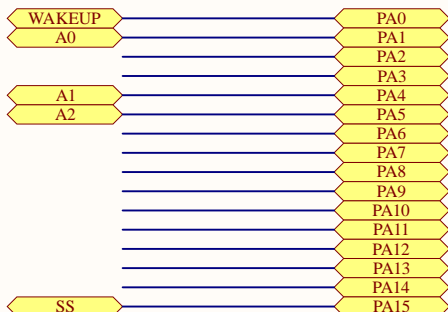
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A

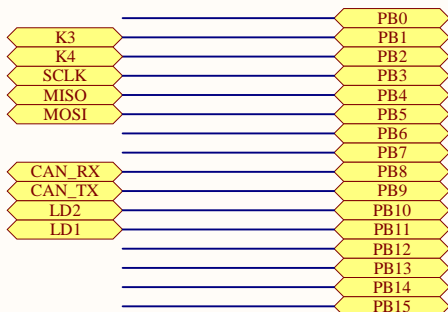
A



PA0/TIM2_CH1/TIM2_ETR/TIM5_CH1/TIM8_ETR/UART2_CTS/UART4_TX/I3C_SCL/ADC12_IN0/COMP12_INP0/COMP1_INM2/WKP0
PA1/TIM2_CH2/TIM5_CH2/UART2_RTS/UART4_RX/I3C_SDA/ADC12_IN1/COMP12_INP1
PA2/TIM2_CH3/TIM5_CH3/UART2_TX/COMP2_OUT/LPUART_TX/ADC12_IN2/COMP12_INP2/COMP2_INM2/WKP2
PA3/TIM2_CH4/TIM5_CH4/I2S1_MCK/UART2_RX/LPUART_RX/ADC12_IN3/COMP12_INP3
PA4/TIM5_ETR/SPI1_NSS/I2S1_WS/SPI3_NSS/I2S3_WS/USART_TX/ADC12_IN4/COMP12_INM0/DAC1_OUT
PA5/TIM2_CH1/TIM2_ETR/TIM3_ETR/TIM8_CH1N/SPI1_SCK/I2S1_CK/USART_RX/ADC12_IN5/COMP12_INM1
PA6/TIM1_BKIN1/TIM3_CH1/TIM8_BKIN1/SPI1_MISO/I2S1_MCK(extSD)/COMP1_OUT/ADC12_IN6
PA7/TIM1_CH1N/TIM3_CH2/TIM8_CH1N/SPI1_MOSI/I2S1_SD/COMP2_OUT/CRS_SYNC/MDSW_IN1/ADC12_IN7
PA8/MCO1/TIM1_CH1/TIM3_ETR/I2C1_SCL/USART_CK
PA9/TIM1_CH2/I2C1_SCL/UART1_TX/USB_FS_VBUS/USART_TX
PA10/TIM1_CH3/I2C1_SDA/UART1_RX/USB_FS_ID/USRAT_RX
PA11/TIM1_CH4/I2C1_SMB/UART1_CTS/COMP1_OUT/CAN1_RX/USART_CTS/USB_FS_DM
PA12/TIM1_ETR/UART1_RTS/COMP2_OUT/CAN1_TX/USART_RTS/USB_FS_DP
PA13/TMS_SWIO/I2C1_SMB/USB_FS_VBUS/MDSW_OUT2
PA14/JTCK_SWCLK/I2C1_SDA/I2S3_MCK/UART4_CTS/MDSW_IN3
PA15/JTDI/TIM2_CH1/TIM2_ETR/I2C1_SCL/SPI1_NSS/I2S1_WS/SPI3_NSS/I2S3_WS/UART4_RTS

B

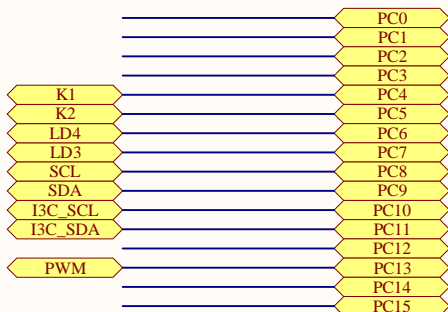
B



PB0/TIM1_CH2N/TIM3_CH3/TIM8_CH2N/ADC12_IN8
PB1/TIM1_CH3N/TIM3_CH4/TIM8_CH3N/ADC12_IN9
PB2/TIM1_CH4N/TIM8_CH4N/BOOT1
PB3/JTDO/TRACESWO/TIM2_CH2/TIM4_ETR/SPI1_SCK/I2S1_CK/SPI3_SCK/I2S3_CK/I3C_SCL/USART_CTS
PB4/NTRST/TIM3_CH1/SPI1_MISO/I2S1_MCK(extSD)/SPI3_MISO/I2S3_MCK(extSD)/I3C_SDA/USART_RTS
PB5/TIM3_CH2/TIM8_CH3N/I2C1_SMB/SP1_MOSI/I2S1_SD/SPI3_MOSI/I2S3_SD/LPTIM_CH1/WKP4
PB6/TIM4_CH1/TIM8_CH4N/I2C1_SCL/SPI1_NSS/I2S1_WS/SPI3_NSS/I2S3_WS/UART1_TX/LPTIM_ETR/USART_TX
PB7/TIM4_CH2/I2C1_SDA/I2S1_MCK/I2S3_MCK/UART1_RX/USART_RX/MDSW_OUT3
PB8/TIM4_CH3/TIM8_CH1N/I2C1_SCL/UART1_CTS/COMP1_OUT/CAN1_RX/USART_CTS
PB9/TIM4_CH4/TIM8_CH2N/I2C1_SDA/SPI2_NSS/I2S2_WS/UART1_RTS/COMP2_OUT/CAN1_TX/USART_RTS
PB10/TIM2_CH3/I2C2_SCL/SPI2_SCK/I2S2_CK/UART3_TX/LPTIM_CH1/LPUART_RX
PB11/TIM2_CH4/I2C2_SDA/I2S2_MCK/UART3_RX/LPTIM_ETR/LPUART_TX/MDSW_OUT1
PB12/TIM1_BKIN2/TIM5_ETR/I2C2_SMB/SPI2_NSS/I2S2_WS
PB13/TIM1_CH1N/TIM8_CH1N/SPI2_SCK/I2S2_CK/UART3_CTS
PB14/TIM1_CH2N/TIM8_CH2N/SPI2_MISO/I2S2_MCK(extSD)/UART3_RTS/MDSW_IN2
PB15/TIM1_CH3N/TIM8_CH3N/SPI2_MOSI/I2S2_SD/WKP5

C

C



PC0/TIM1_BKIN3/I2C1_SCL/UART4_TX/LPUART_RX/ADC12_IN10
PC1/TIM8_BKIN2/I2C1_SDA/UART4_RX/LPUART_TX/ADC12_IN11
PC2/I2C2_SCL/SPI2_MISO/I2S2_MCK(extSD)/UART4_CTS/ADC1_IN12
PC3/I2C2_SDA/SPI2_MOSI/I2S2_SD/UART4_RTS/ADC1_IN13
PC4/UART1_TX/USART_TX/ADC1_IN14
PC5/UART1_RX/USART_RX/ADC2_IN15/WKP3
PC6/TIM3_CH1/TIM8_CH1/I2C1_SCL/SPI2_MISO/I2S2_MCK(extSD)
PC7/TIM3_CH2/TIM8_CH2/I2C1_SDA/SPI3_MISO/I2S3_MCK(extSD)/SPI3_MISO
PC8/TIM3_CH3/TIM8_CH3/I2C2_SCL
PC9/MCO2/TIM3_CH4/TIM8_CH4/I2C2_SDA
PC10/SPI3_SCK/I2S3_CK/UART3_TX/UART4_TX/I3C_SCL
PC11/SPI3_MISO/I2S3_MCK(extSD)/UART3_RX/UART4_RX/I3C_SDA
PC12/SPI3_MOSI/I2S3_SD/USART_TX
PC13/TIM8_CH1/MDSW_IN0/WKP1/BKP_TAMPER
PC14/TIM8_CH2/OSC32_IN
PC15/TIM8_CH3/OSC32_OUT

D

D

1

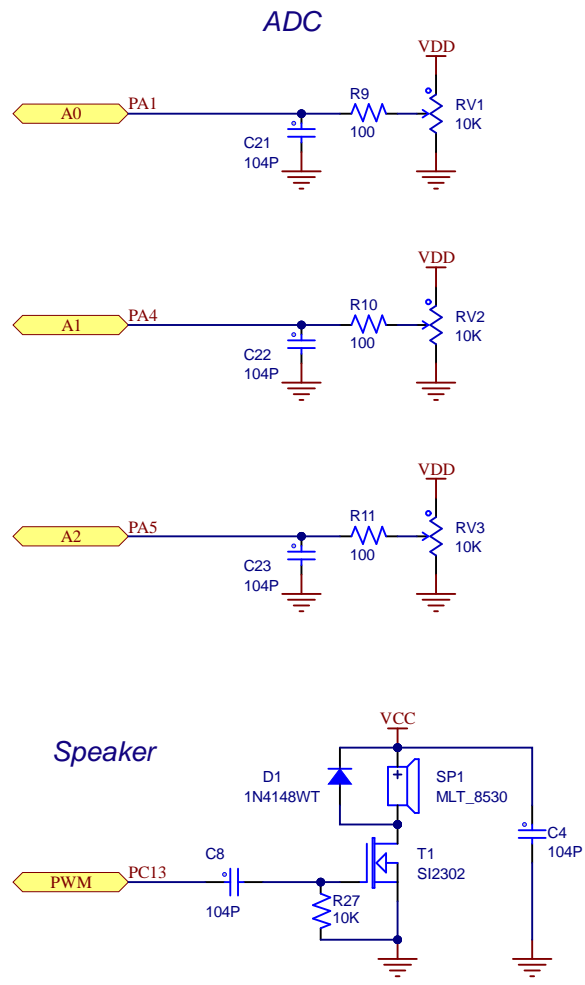
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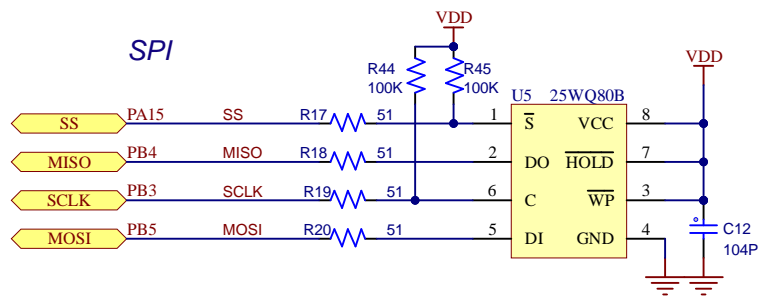
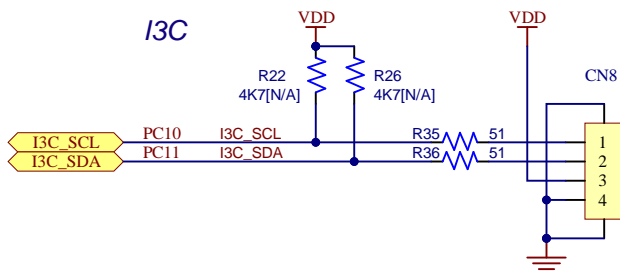
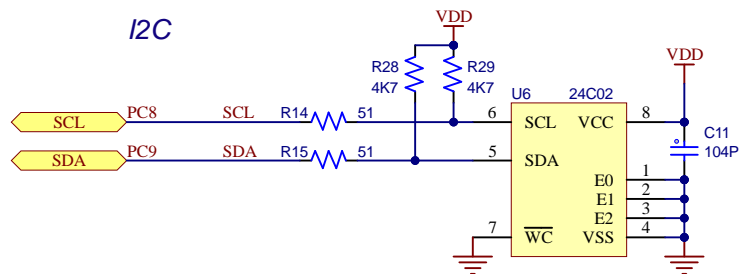
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Data		2023.07.07	Checked Li Hongpeng
		Approved	Chen Do





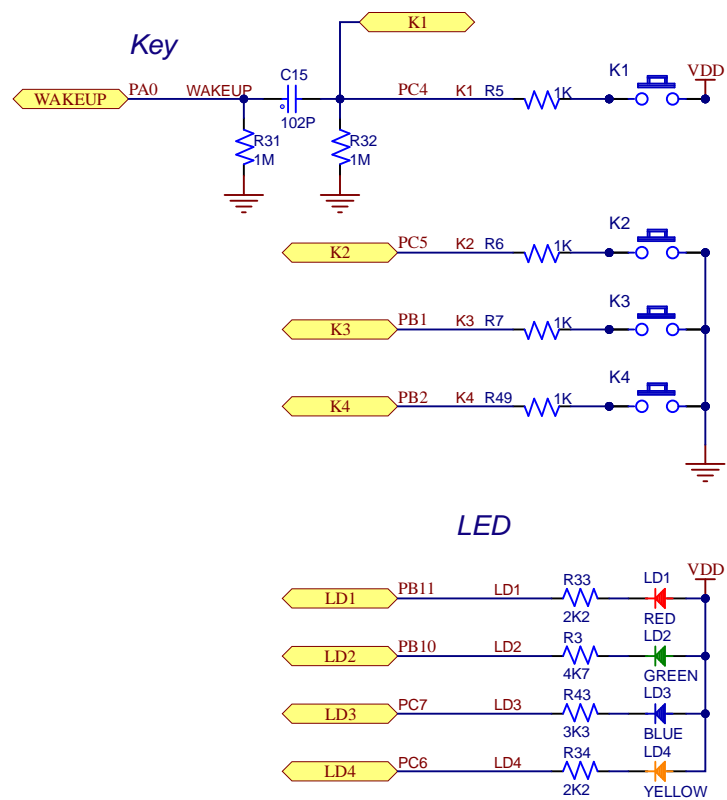
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		Checked	Lu Weiwei
		Approved	Chen Do





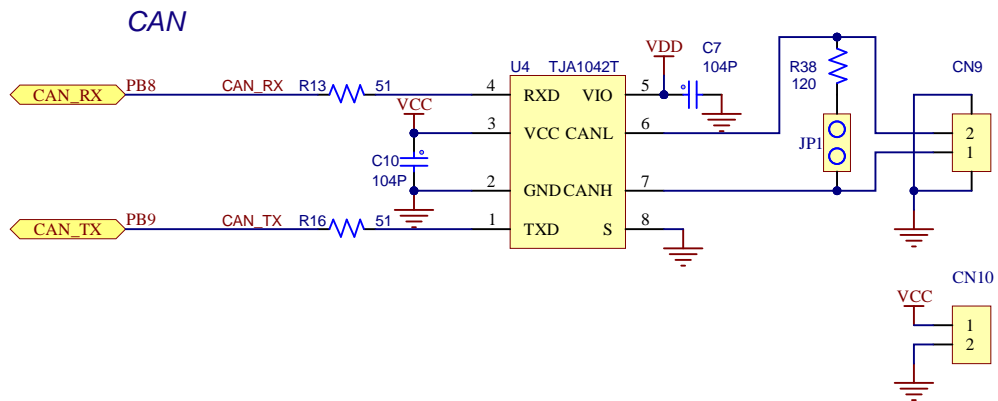
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Data	2023.07.07	Approved	Chen Do





Project Title		MB083_Miniboard_MM32F5333D7P	
Sheet Title		LED&KEY	
Size	A4	Rev	A
Sheet	6		9
Data		2023.07.07	
Drawn		Lu Weiwei	
Checked		Li Hongpeng	
Approved		Chen Do	

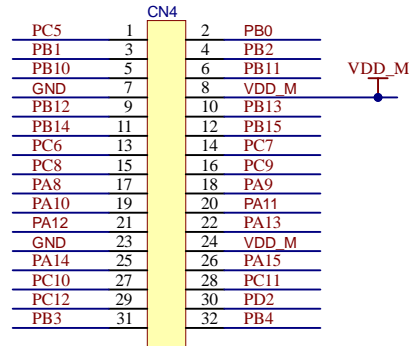
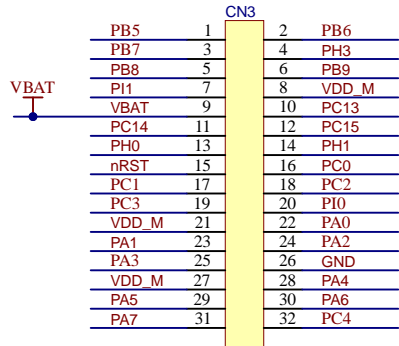
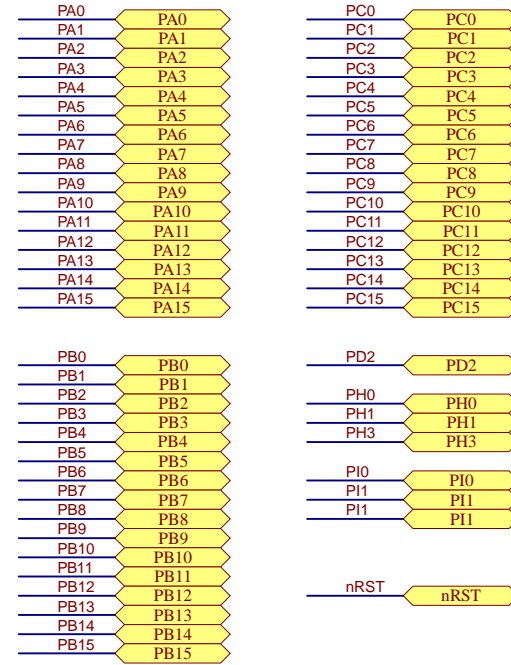
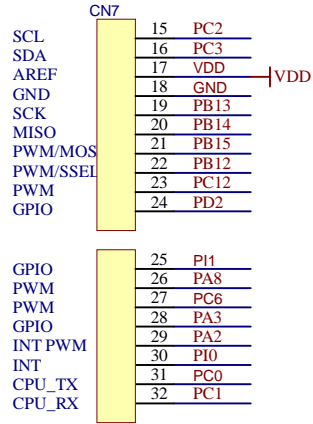
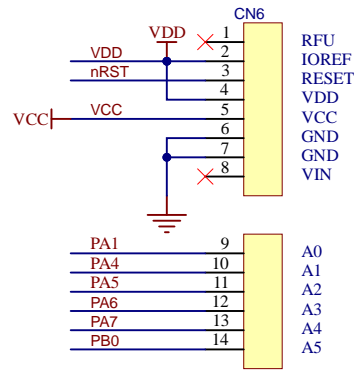




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Size	A4	Rev	A
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Data		2023.07.07	
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		Checked	Li Hongpeng
		Approved	Chen Do



Arduino Interface



Project Title			
MB083_Miniboard_MM32F5333D7P			
Sheet Title			
Arduino&GPIOs Interface			
Size	A4	Rev	A
Sheet	8	Checked	Li Hongpeng
Data	2023.07.07	Approved	Chen Do



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A

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B

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D

- MB083更改记录:
- 1) 更改LD1,LD2,LD3.LD4,LD5 封装丝印
 - 2) 更改原理图图纸尺寸A2->A4,打印效果最佳化。
 - 3) 更改拼板方式

Project Title		MB083_Miniboard_MM32F5333D7P	
Sheet Title		RevCtrl	
Size	A4	Rev	A
Sheet	9	Checked	Li Hongpeng
Data	2023.07.07	Approved	Chen Do

