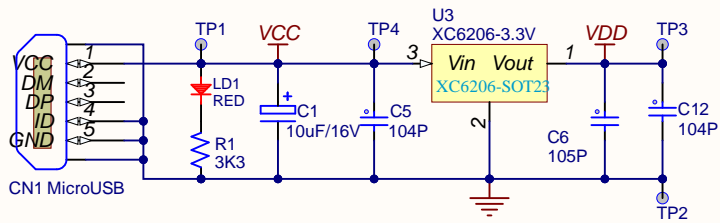


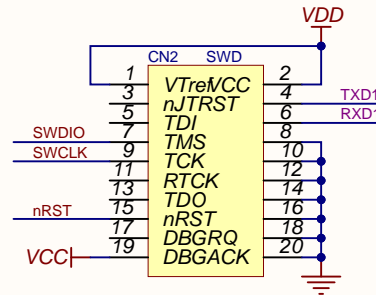
Project Title		MB058_Miniboard_MM32F0040B1T	
Sheet Title		Titil	
Size	A4	Rev	A
Sheet	1	9	Checked
Data		2023.07.28	
		Approved	
		Lu Weiwei	
		Li Hongpeng	
		Chen Do	



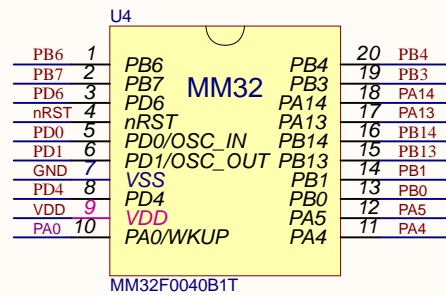
Power & Debug port



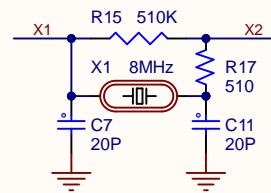
PA0	K1	NSS	SDA	PA0
PA4	LD1		SCL	PA4
PA5	LD2		MISO	PA5
PA13			SWDIO	PA13
PA14			SWCLK	PA14
PB0		ADC0		PB0
PB1		ADC1		PB1
PB3		ADC2		PB3
PB4		BUZ		PB4
PB6	LD3		TXD1	PB6
PB7	K2		RXD1	PB7
PB13		SCLK		PB13
PB14	K3	MOSI		PB14
PD0	X1			PD0
PD1	X2			PD1
PD4	LD4		TXD2	PD4
PD6	K4		RXD2	PD6
	nRST			nRST



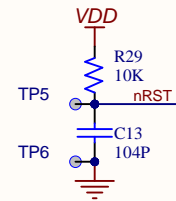
MCU



Crystal

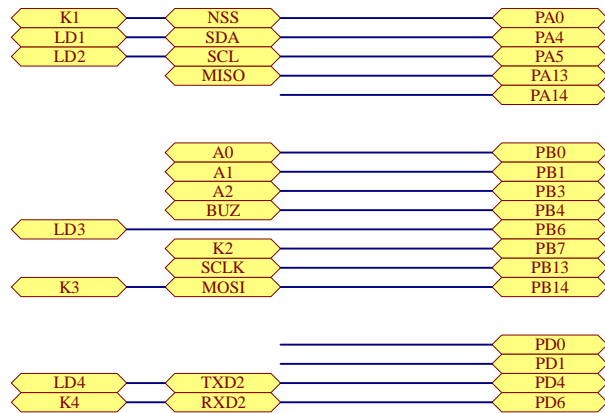


nRST



Project Title		MB058_Miniboard_MM32F0040B1T	
Sheet Title	Titil		
Size	A4	Rev	A
Sheet	2	Checked	Li Hongpeng
Data	2023.07.28	Approved	Chen Do





nRST

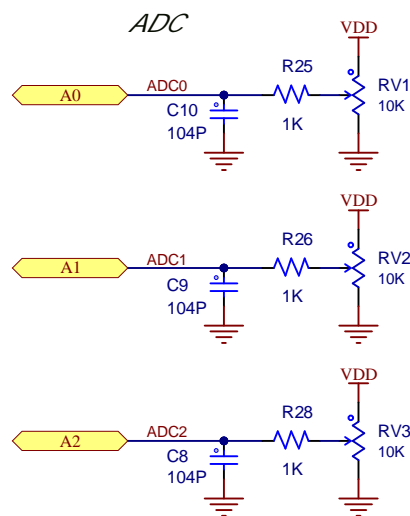
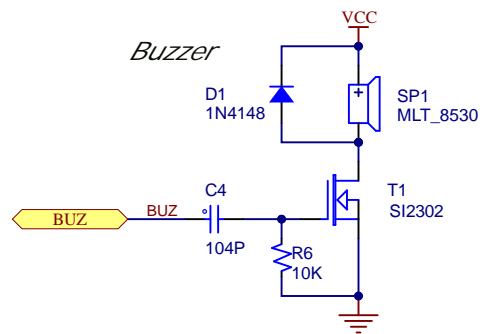
PA0/WKUP/UART2_CTS/TIM2_CH1/TIM2_ETR/SPI2_NSS/I2S2_WS/TIM2_CH3/COMP1_OUT/ADC1_VIN[0]
PA4/TIM1_BKIN/TIM14_CH1/I2C_SDA/ADC1_VIN[4]/COMP_INP[3]
PA5/TIM2_CH1/TIM2_ETR/TIM1_ETR/I2C_SCL/TIM1_CH3N/ADC1_VIN[5]/COMP_INM[0]
PA13/SWDIO/UART1_TX/SPI2_MISO/I2S2_MCK/MCO/TIM1_CH2/TIM1_BKIN
PA14/SWDCLK/UART2_TX/UART1_RX

PB0/TIM3_CH3/TIM1_CH2N/TIM1_CH1N/TIM1_CH3/ADC1_VIN[8]
PB1/TIM14_CH1/TIM3_CH4/TIM1_CH3N/TIM1_CH4/TIM1_CH2N/MCO/TIM1_CH2/TIM1_CH1N/ADC1_VIN[9]
PB3/TIM2_CH2/UART1_TX/TIM2_CH3/TIM1_CH1/TIM2_CH1/ADC1_VIN[10]
PB4/TIM3_CH1/UART1_RX/TIM17_BKIN/TIM1_CH2/TIM2_CH2/ADC1_VIN[11]
PB6/UART1_TX/I2C_SCL/TIM16_CH1N/TIM2_CH1
PB7/UART1_RX/I2C_SDA/TIM17_CH1N/UART2_TX/ADC1_VIN[12]
PB13/SPI2_SCK/I2S2_CK/SPI2_MISO/I2S2_MCK/TIM1_CH1N/SPI2_NSS/I2S2_WS/SPI2_MOSI/I2S2_SD/I2C_SCL/TIM1_CH3N/TIM2_CH1/UART3_CTS
PB14/SPI2_MISO/I2S2_MCK/SPI2_MOSI/I2S2_SD/TIM1_CH2N/SPI2_SCK/I2S2_CK/SPI2_NSS/I2S2_WS/I2C_SDA/TIM1_CH3/TIM1_CH1/UART3_RTS

PD0/OSC_IN/UART3_TX/I2C_SDA
PD1/OSC_OUT/UART3_RX/I2C_SCL
PD4/UART2_TX/TIM2_CH3/SPI2_NSS/I2S2_WS
PD6/TIM3_CH1/TIM1_BKIN/UART2_RX/TIM1_ETR/TIM16_CH1/TIM1_CH3/COMP1_OUT/ADC1_VIN[13]/COMP_INM[3]

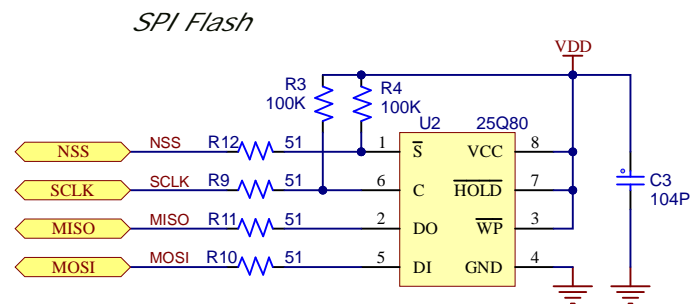
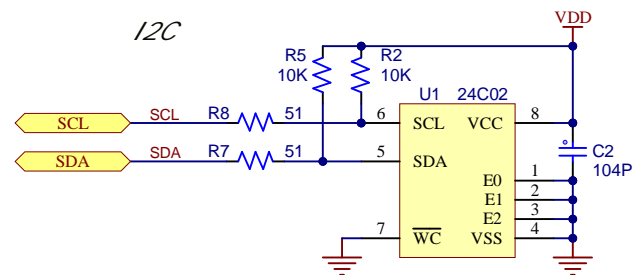
Project Title		MB058_Miniboard_MM32F0040B1T	
Sheet Title		03---Connection	
Size	A4	Rev	A
Sheet	3	9	Drawn Lu Weiwei
Data		2023.07.28	Checked Li Hongpeng
			Approved Chen Do





Project Title		MB058_Miniboard_MM32F0040B1T	
Sheet Title		ADC&PWM	
Size	A4	Rev	A
Sheet	4		9
Data		2023.07.28	
		Drawn	Lu Weiwei
		Checked	Li Hongpeng
		Approved	Chen Do

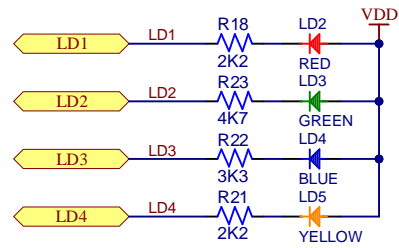




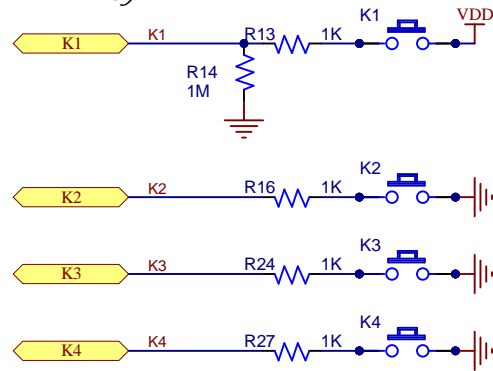
Project Title		MB058_Miniboard_MM32F0040B1T	
Sheet Title		I2C&SPI	
Size	A4	Rev	A
Sheet	5	Checked	Li Hongpeng
Data	2023.07.28	Approved	Chen Do



LED

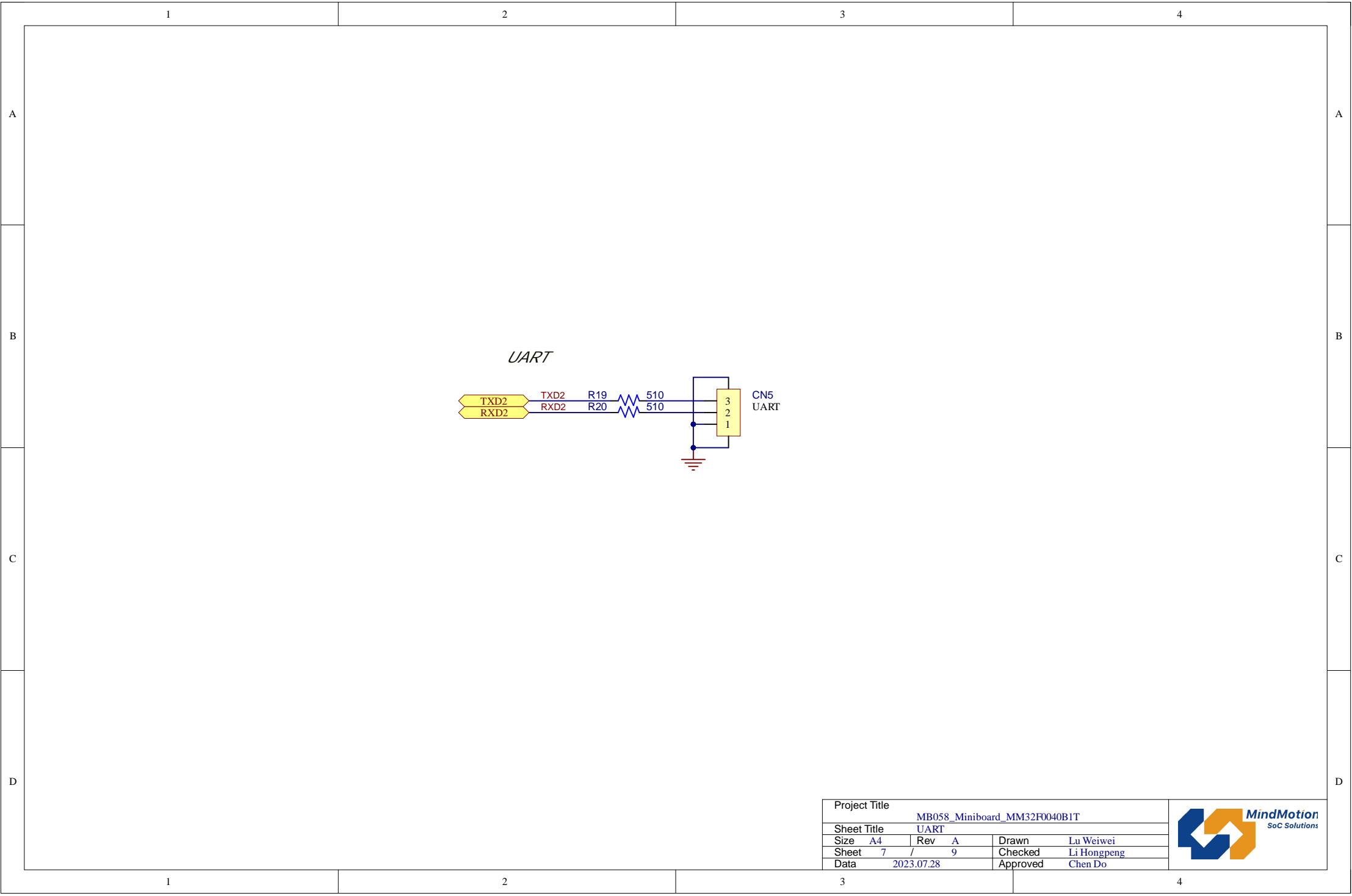


Key

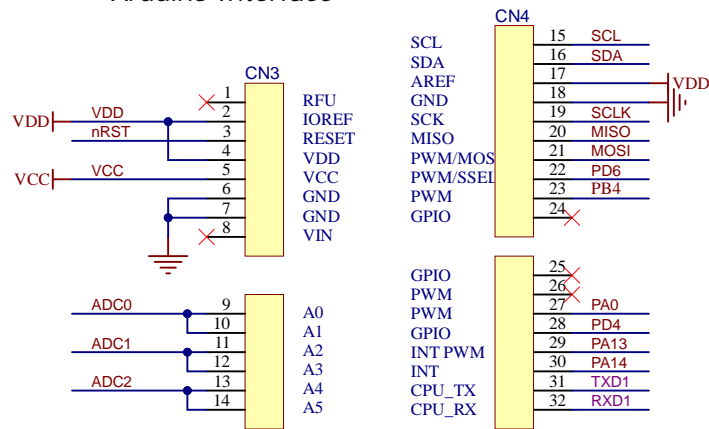


Project Title		MB058_Miniboard_MM32F0040B1T	
Sheet Title		LED&KEY	
Size	A4	Rev	A
Sheet	6	Checked	Li Hongpeng
Data	2023.07.28	Approved	Chen Do





Arduino Interface



PA0	K1	NSS	PA0
PA4	LD1	SDA	PA4
PA5	LD2	SCL	PA5
PA13		MISO	PA13
PA14		SWDIO	PA14
PB0		SWCLK	PB0
PB1		ADC0	PB1
PB3		ADC1	PB3
PB4		ADC2	PB4
PB6		BUZ	PB6
PB7		LD3	PB7
PB13		K2	PB13
PD0		TXD1	PD0
PD1		RXD1	PD1
PD4		K3	PD4
PD6		SCLK	PD6
nRST		MOSI	nRST

Project Title			
MB058_Miniboard_MM32F0040B1T			
Sheet Title			
Arduino Interface			
Size	A4	Rev	A
Sheet	8	Checked	Li Hongpeng
Data	2023.07.28	Approved	Chen Do



1

2

3

4

A

A

MB058更改记录:

- 1) 更新LD1-LD5 封装
- 2) 更改拼板方式
- 3) 原理图由A3->A4

B

B

C

C

D

D

Project Title		MB058_Miniboard_MM32F0040B1T	
Sheet Title		RevCtrl	
Size	A4	Rev	A
Sheet	9	Checked	Li Hongpeng
Data	2023.07.28	Approved	Chen Do



1

2

3

4