


Title		MB091_Miniboard_MM32G0001A1T			
Size	A4	Rev	V1.0	Drawn	Lu Weiwei
Sheet	1	/	9	Checked	Li Hongpeng
Data	2023.03.17			Approved	Chen Do

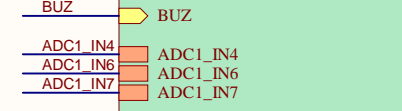
Pins Remapping

PA0 / SPI1_NSS / USART1_RX / TIM1_CH3N / I2C1_SCL / TIM3_CH3
 PA1 / USART1_SCK / USART2_TX / I2C1_SDA / SPI1_MOSI
 PA2 / TIM1_CH2N / SPI1_MISO / TIM3_CH2 / ADC1_VIN[5]
 PA3 / USART1_RX / USART2_SCK / SPI1_NSS / ADC1_VIN[2]
 PA4 / TIM1_BKIN / I2C1_SDA / TIM3_CH4
 PA5 / SPI1_SCK / TIM1_CH1N / I2C1_SCL
 PA6 / SPI1_MOSI / TIM1_CH1 / TIM1_CH1N / TIM1_CH3
 PA7 / SPI1_MISO / TIM1_CH1N / TIM1_CH2N / MCO / TIM1_CH4 / ADC1_VIN[7]
 PA8 / SPI1_SCK / TIM1_CH2 / I2C1_SDA / TIM3_CH1
 PA9 / SPI1_MOSI / TIM1_CH2N / TIM1_CH1 / TIM14_CH1 / TIM1_CH3N
 PA10 / SPI1_MISO / TIM1_CH3 / TIM1_CH2 / MCO / USART1_TX
 PA11 / USART1_SCK / TIM1_CH2 / TIM14_CH1 / TIM3_CH1 / ADC1_VIN[4]
 PA12 / USART1_TX / ADC1_VIN[3]
 PA13 / SWDIO / USART1_RX / USART2_RX / I2C1_SCL / SPI1_MISO
 PA14 (NRST) / SWCLK / USART1_TX / SPI1_SCK
 PA15 / SPI1_NSS / TIM1_CH3N / SPI1_MOSI / TIM3_CH3 / ADC1_VIN[6]
 PB0 / OSCIN / USART2_SCK / ADC1_VIN[1]
 PB1 / USART2_RX / ADC1_VIN[0]

	FUN0	FUN1	FUN2	FUN3
PA0			SCL	
PA1				TXD2
PA2	K1		MISO	
PA3	K4			RXD1
PA4			SDA	
PA5	LD4			
PA6	LD3			
PA7		ADC1_IN7		
PA8	K3		SCLK	
PA9	K2		MOSI	
PA10	LD2			TXD1
PA11	BUZ			
PA12		ADC1_IN4		
PA13			SWDIO	
PA14			SWCLK	
PA15	LD1		NSS	
PB0	CLKIN	ADC1_IN6		
PB1				RXD2

Peripheral

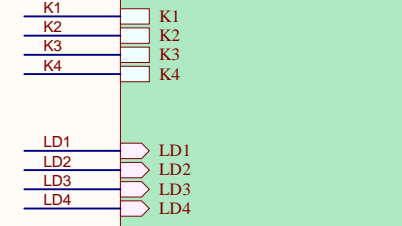
03---ADC&PWM.Sch
 03---ADC&PWM.Sch



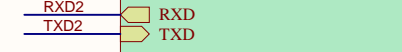
04---I2C&SPI.Sch
 04---I2C&SPI.Sch



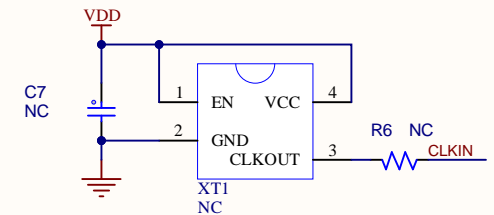
05---LED&KEY.Sch
 05---LED&KEY.Sch



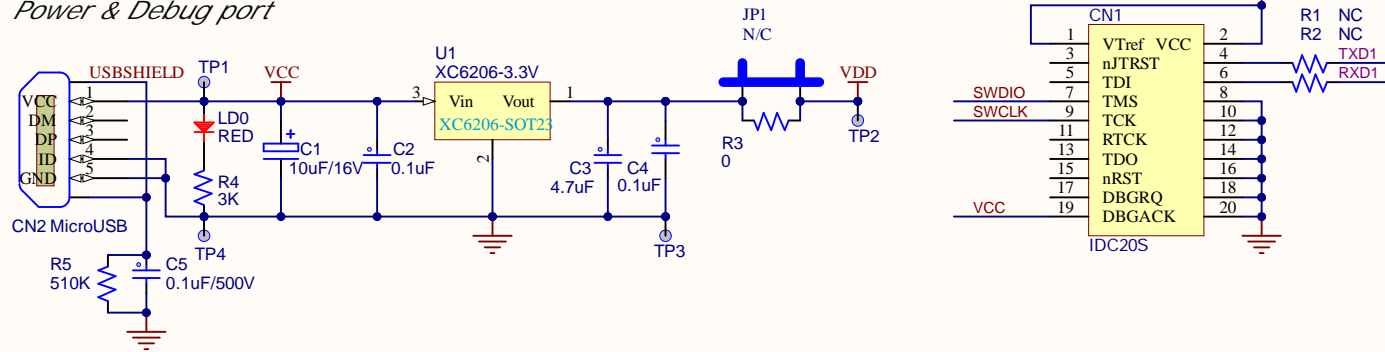
06---UART.Sch
 06---UART.Sch



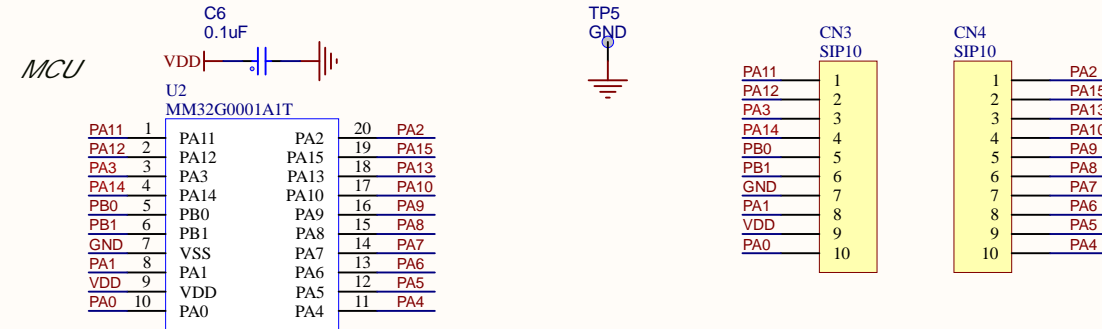
Crystal



Power & Debug port

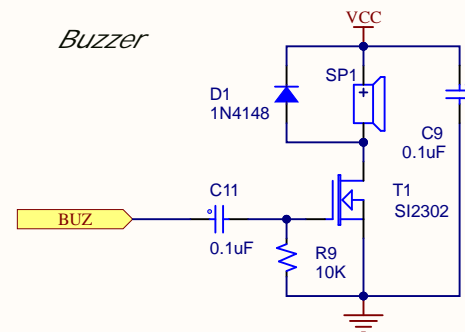
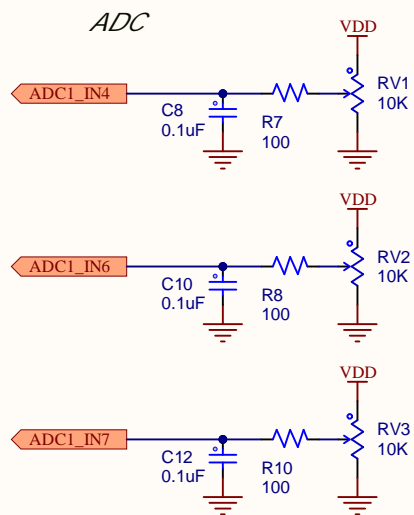


GPIOs Interface



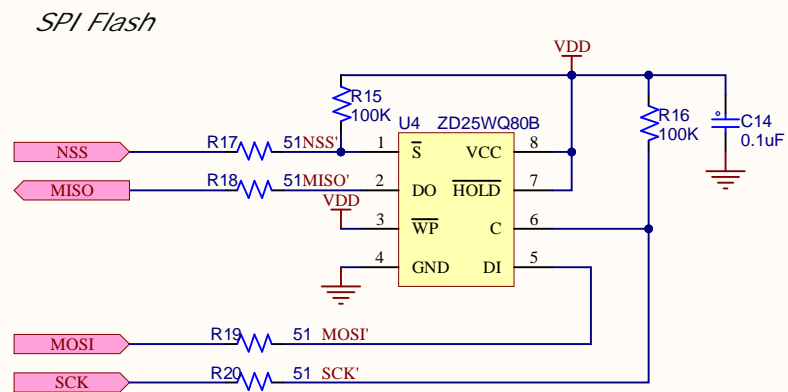
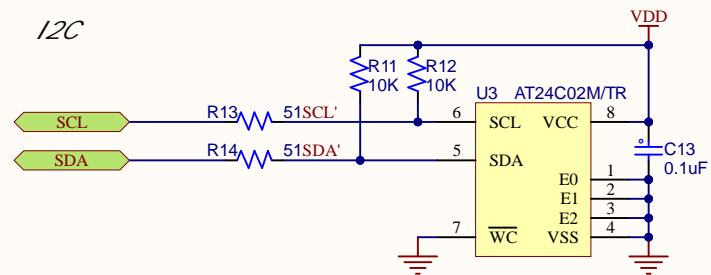
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Size	A4	Rev	V1.0
Sheet	2	/	9
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		Approved	Chen Do






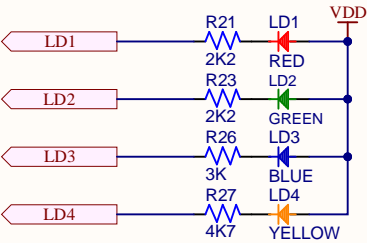
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Size	A4	Rev	V1.0
Sheet	3	/ 9	
Data		2023.03.17	
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Approved		Chen Do	



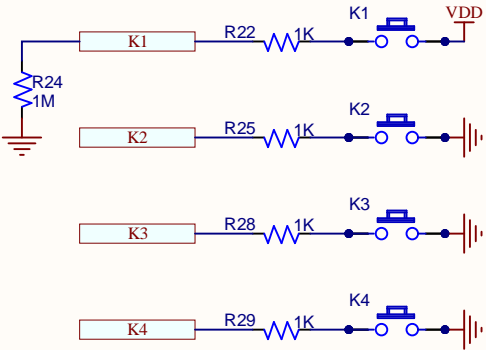



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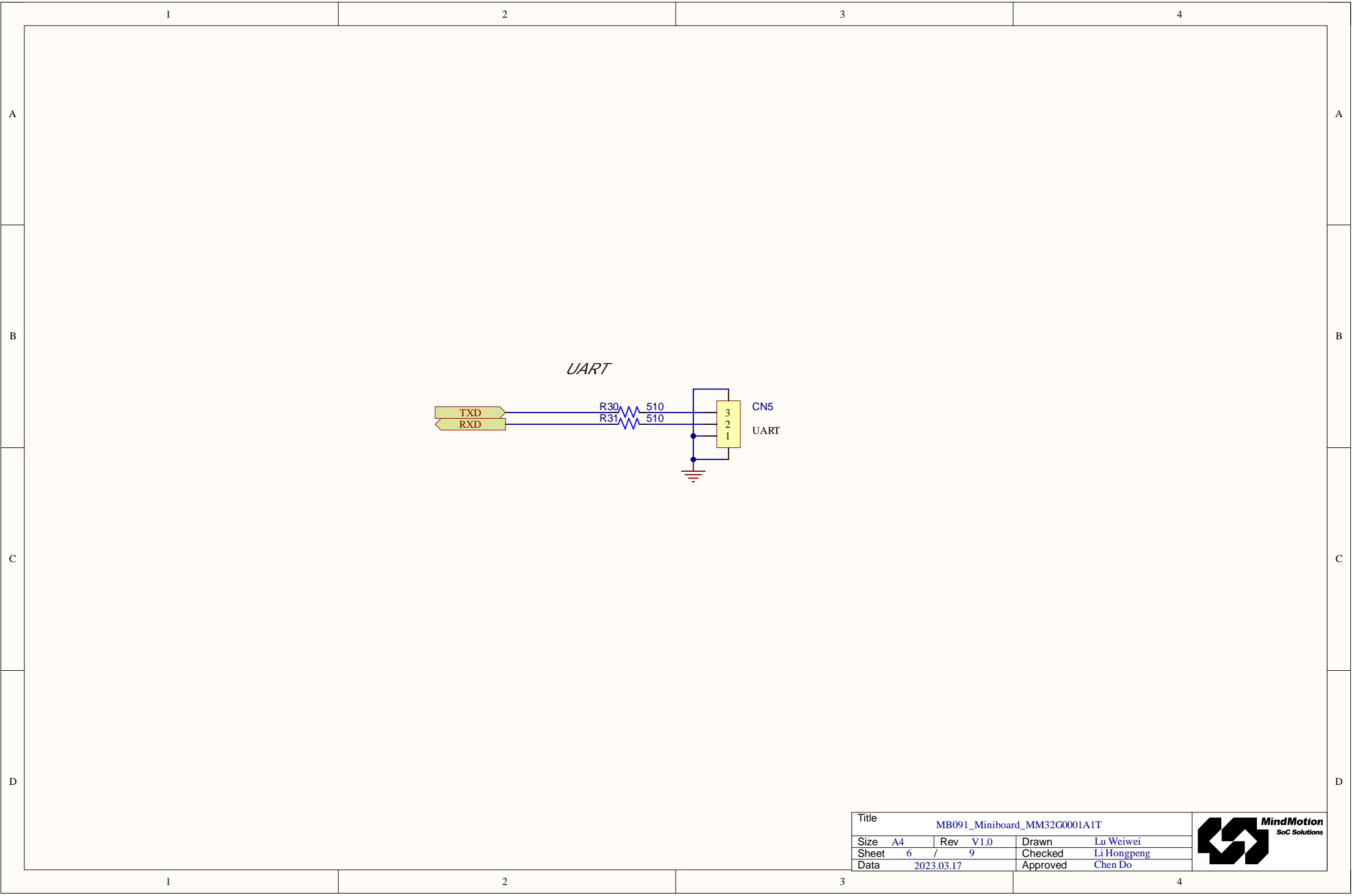
LED

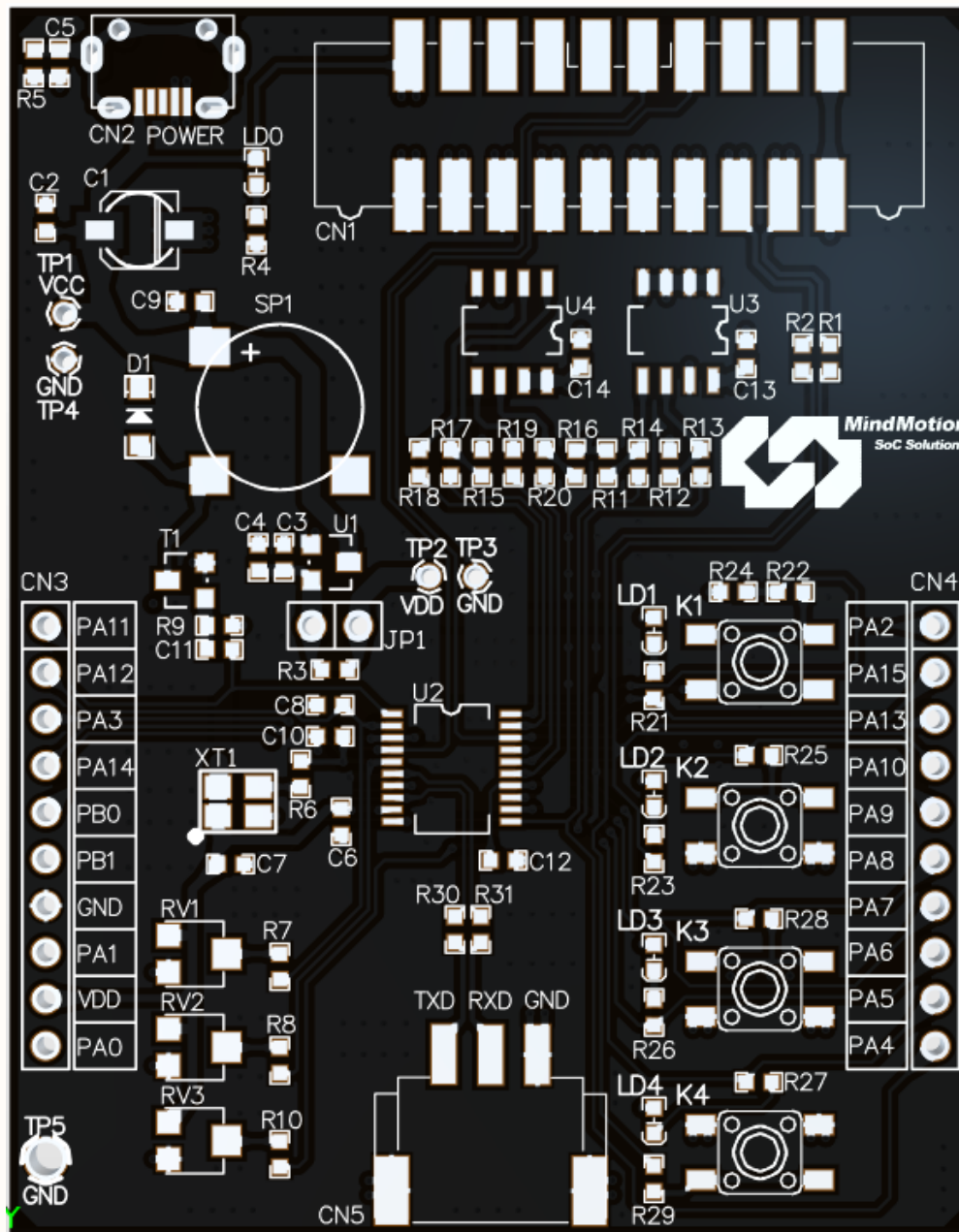


Key



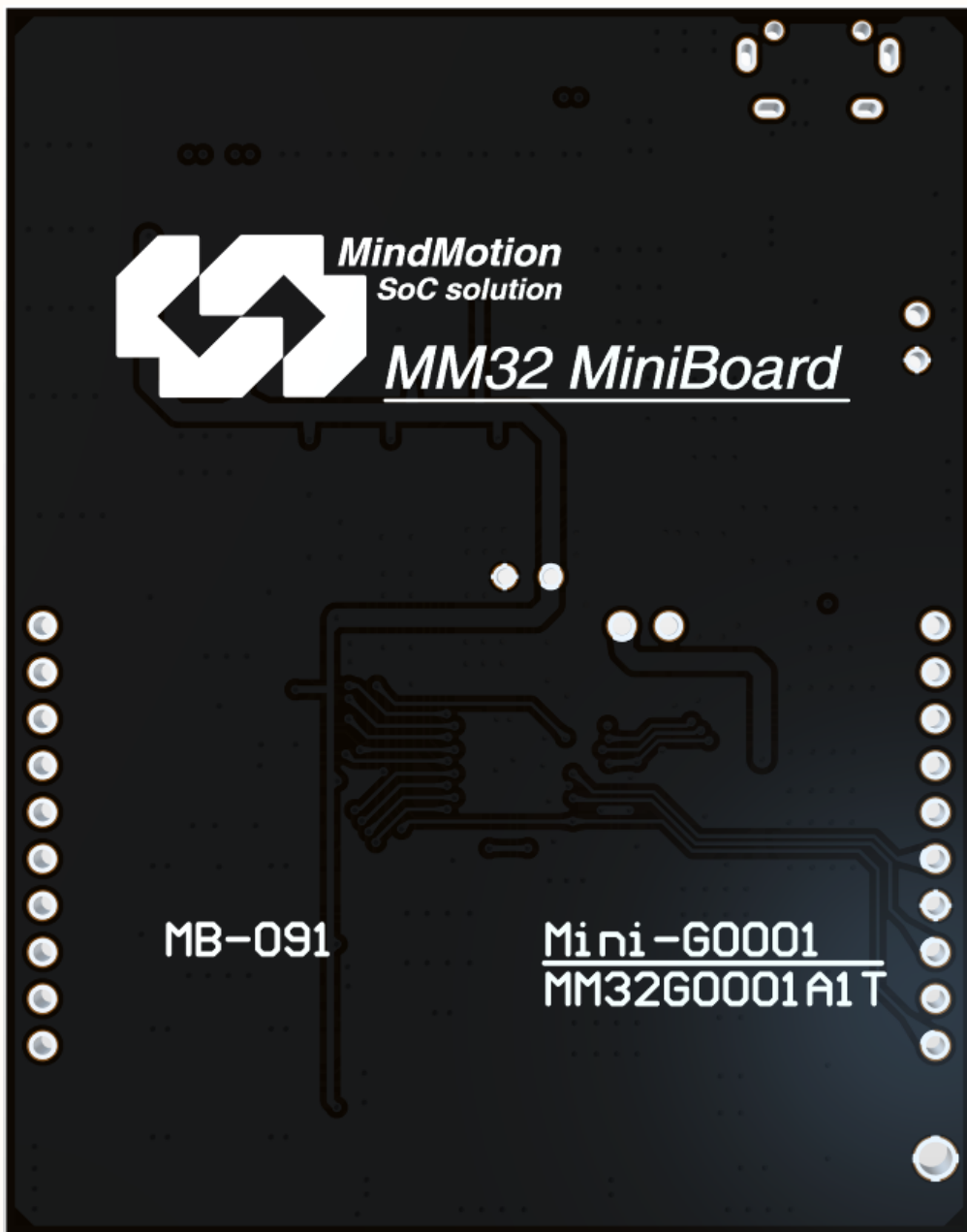
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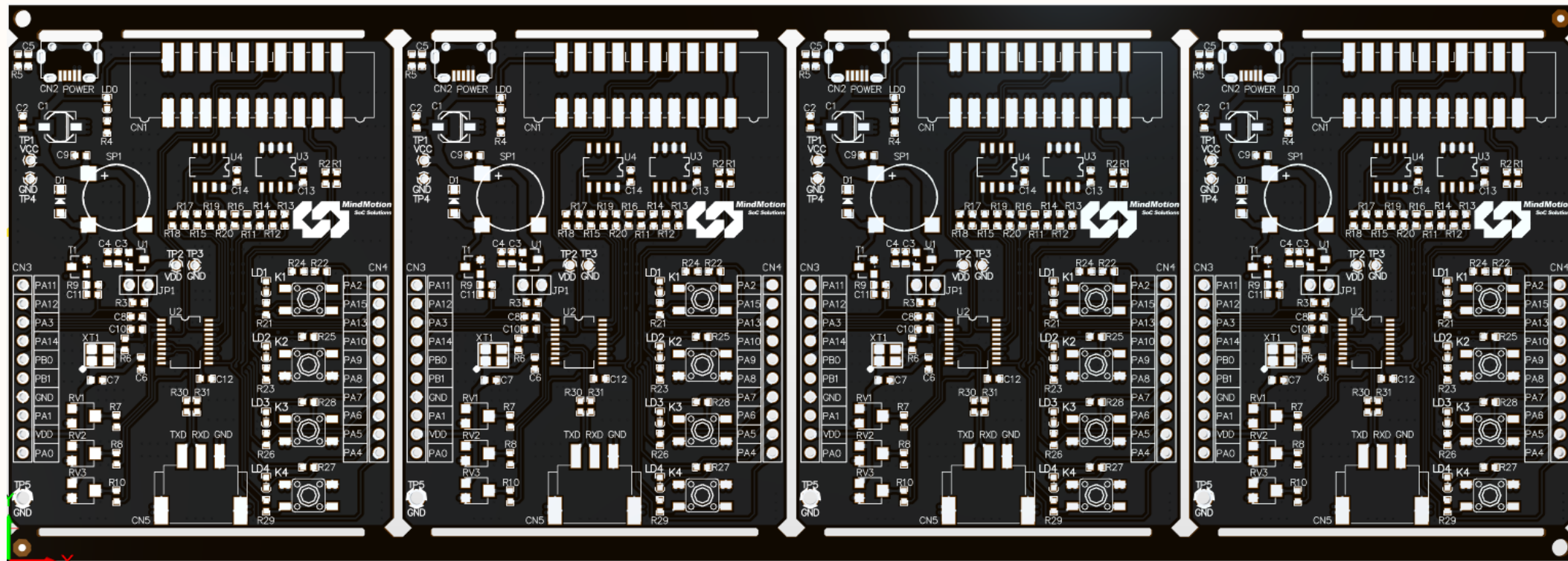
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Approved		Chen Do	





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Approved		Chen Do	





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Approved		Chen Do	



