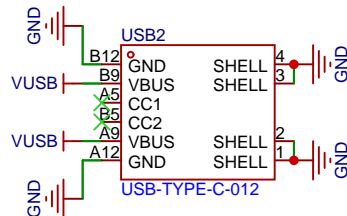
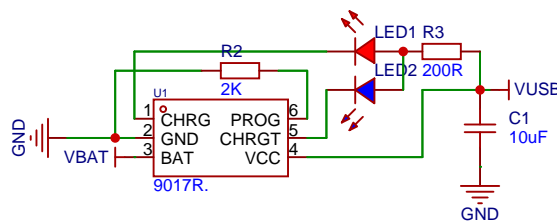
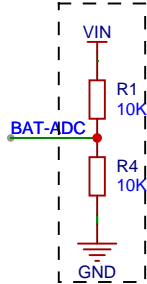


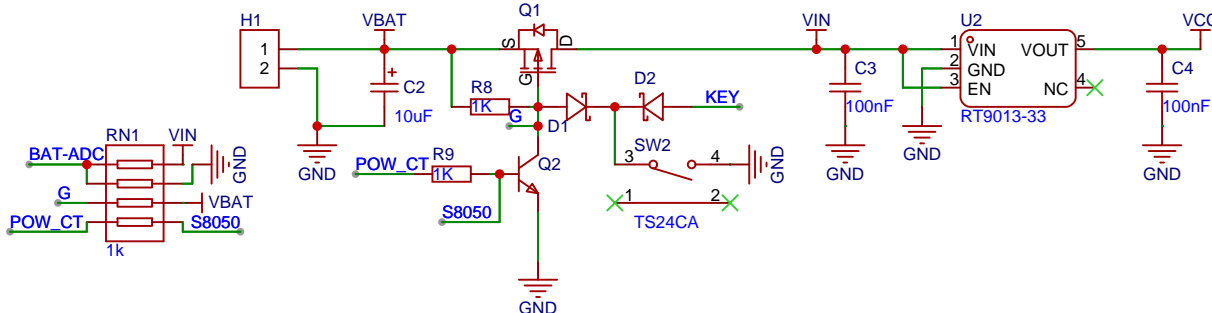
表 3管脚定义配置表

TSSOP20	Pin Name	Type	Main Function (after reset)	Default
1	VSS	S		GND
2	PA13	I/O	SWDIO	SWDIO/IR_OUT/EVENTOUT/USART1_RX/SPI1_MISO/TIM1_CH2/MCO
3	PA14	I/O	SWCLK	SWCLK/USART1_TX/USART2_TX/EVENTOUT/MCO
4	PB3	I/O	PB3	SPI1_SCK/TIM1_CH2/USART1_RTS/USART2_RTS/LED_COM1/EVENTOUT/COMP2_INM
5	PB6	I/O	PB6	USART1_TX/TIM1_CH3/TIM16_CH1N/SPI2_MISO/USART2_TX/LPTIM_ETR/I2C_SCL/EVENTOUT/COMP2_INP
5	PF4	I/O	BOOT0	BOOT0
6	PA6	I/O	PA6	SPI1_MISO/TIM3_CH1/TIM1_BKIN/TIM16_CH1/COMP1_OUT/USART1_CK/RTC_OUT/ADC_IN6
7	PA5	I/O	PA5	SPI1_SCK/LPTIM1_ETR/EVENTOUT/USART2_RX/TIM3_CH2/MCO/ADC_IN5
8	PF0	I/O	OSCIN	TIM14_CH1/SPI2_SCK/USART2_RX/USART1_RX/USART2_TX/I2C_SDA/OSC_IN
9	PF1	I/O	OSCOUT	SPI2_MISO/USART2_TX/USART1_TX/USART2_RX/SPI1_NSS/I2C_SCL/TIM14_CH1/OSC_OUT
10	PF2	I/O	NRST	SPI2_MOSI/USART2_RX/MCO/NRST
11	PA0	I/O	PA0	SPI2_SCK/USART1_CTS/USART2_CTS/COMP1_OUT/USART2_TX/SPI1_MISO/TIM1_CH3/TIM1_CH1N/IR_OUT/ADC_IN0/COMP1_INM
12	PA1	I/O	PA1	SPI1_SCK/USART1_RTS/USART2_RTS/EVENTOUT/USART2_RX/SPI1_MOSI/TIM1_CH4/TIM1_CH2N/MCO/ADC_IN1/COMP1_INP

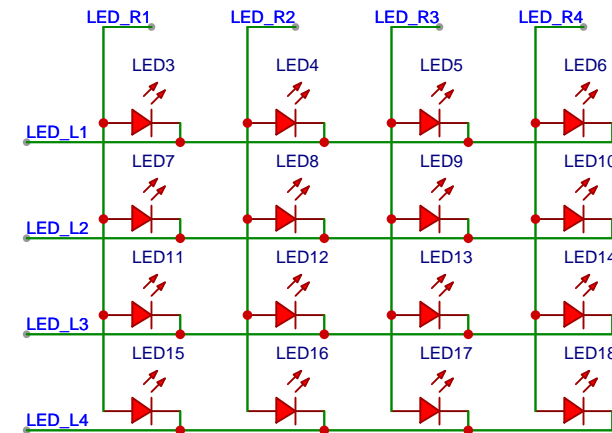
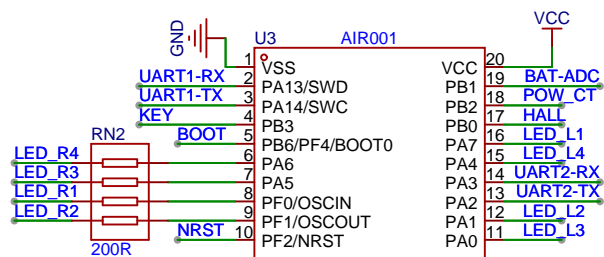
13	PA2	I/O	PA2	SPI1_MOSI/USART1_TX/USART2_TX/COMP2_OUT/SPI1_SCK/I2C_SDA/TIM3_CH1/ADC_IN2/COMP2_INM
14	PA3	I/O	PA3	SPI2_MISO/USART1_RX/USART2_RX/EVENTOUT/SPI1_MOSI/I2C_SCL/TIM1_CH1/ADC_IN3/COMP2_INP
15	PA4	I/O	PA4	SPI1_NSS/USART1_CK/SPI2_MOSI/TIM14_CH1/USART2_CK/EVENTOUT/USART2_TX/TIM3_CH3/RTC_OUT/ADC_IN4
16	PA7	I/O	PA7	SPI1_MOSI/TIM3_CH2/TIM1_CH1N/TIM14_CH1/TIM17_CH1/EVENTOUT/COMP2_OUT/USART1_TX/USART2_TX/SPI1_MISO/I2C_SDA/ADC_IN7
17	PB0	I/O	PB0	SPI1_NSS/TIM3_CH3/TIM1_CH2N/EVENTOUT/COMP1_OUT/ADC_IN8
18	PB2	I/O	PB2	USART1_RX/SPI2_SCK/USART2_RX/COMP1_INP
19	PB1	I/O	PB1	TIM14_CH1/TIM3_CH4/TIM1_CH3N/EVENTOUT/ADC_IN9/COMP1_INM
20	VCC	S	VCC	VCC



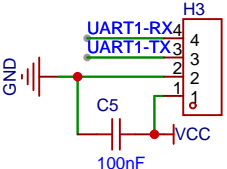
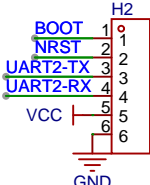
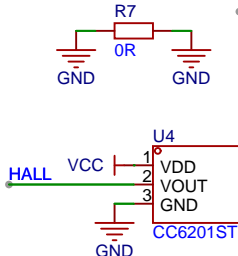
充电电路



BAT-ADC



LED控制



TOF传感器

3.7V锂电池

充放电/开关

LDO-3.3V

蜂鸣器

单片机

传感器

霍尔传感器

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