STM32_KIT 学习板

KEYSKING 作者

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Peripheral List

1 × RGB LED

2 × KEY

1 × TCRT5000

1 × Relay

1 × Potentiometer ADC

1 × NTC Temperature Sensor

1 × DRV8833 Motor Driver

1 × Servo

1 × Passive Buzzer

1 × UltraSonic

1 × Rotary Encoder

1 × DHT20

1 × OLED Display

1 × BLUETOOTH

1 × TYPE-C

1 × CH343P USART to USB

1 × WS2812 LED Array

1 × RTC Battery

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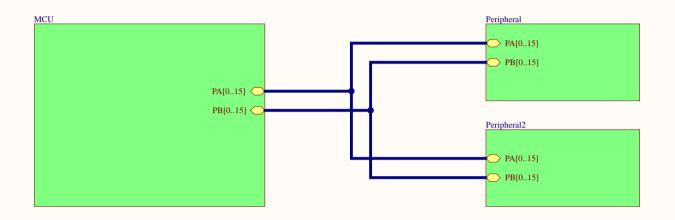
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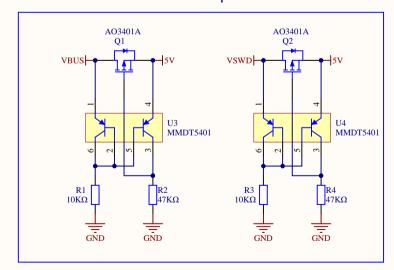


电源和系统框图



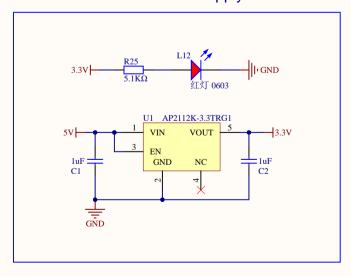
电流防倒灌 (实现安全双电源输入)

Anti-backflow protection



低噪声 3.3V 线性稳压电路

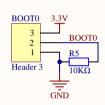
3.3V Power supply



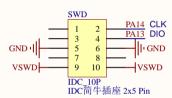
MCU 最小系统

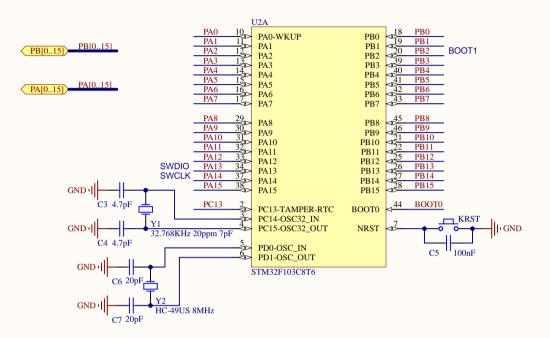
启动模式选择跳线 BOOTO BOOT1 Selector





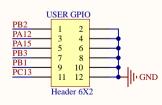
ST-LINK 下载插座 ST-LINK Connector





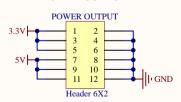
自定义IO口

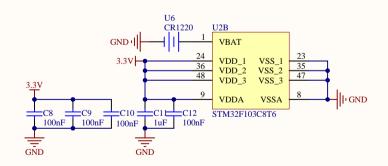
USER-DEFINED GPIO



电源插座

POWER OUTPUT

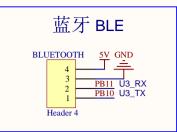


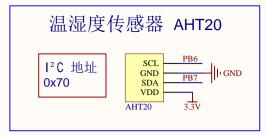


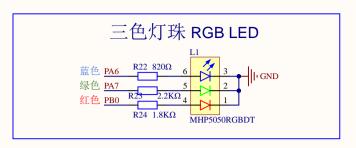
功能外设

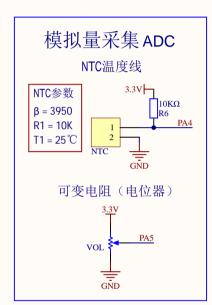
PA[0..15] PA[0..15]

PB[0..15] PB[0..15

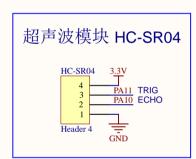




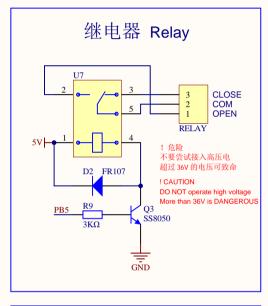


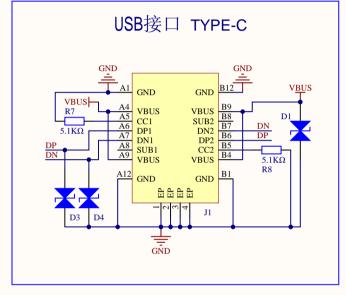


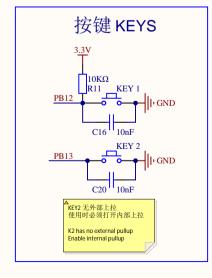


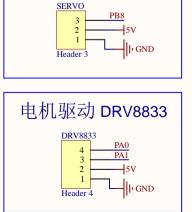


Header 3

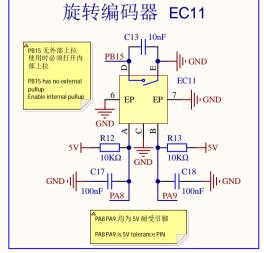


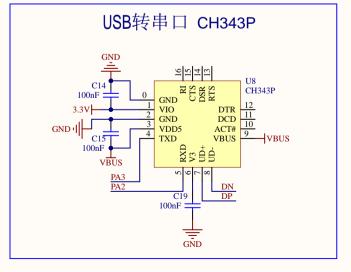






舵机 Servo





功能外设

PA[0..15] PA[0..15]

PB[0..15] PB[0..15]

