

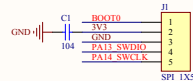
## 供电稳压供电

STM32F407核心板  
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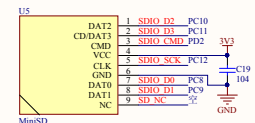
STM32工作模式已经默认接地：通过R7和R8接地

## STM32工作模式选择



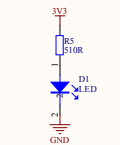
## SWD调试编程接口

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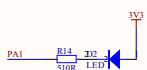


### TF/SD卡-存储卡座

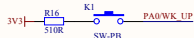
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### 供电指示灯



## LED指示灯



## 用户按键

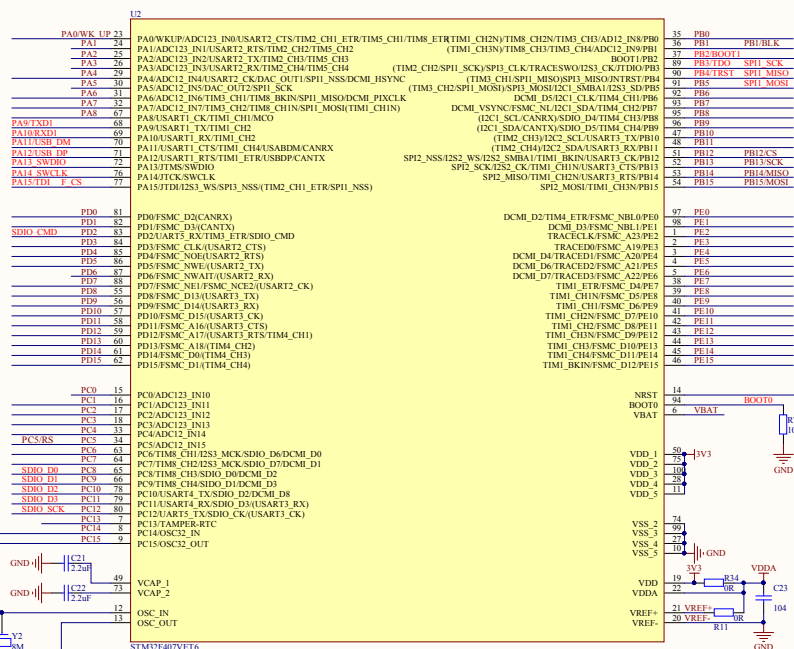


## STM32F407

内核: ARM 32位M4 CPU  
最高168MHz工作频率

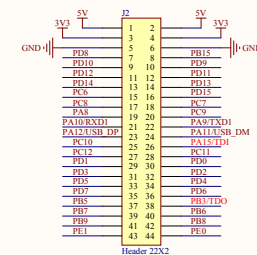
## STM32F407核心板

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### 复位按钮

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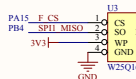


Pin diagram of the PIC16F887 microcontroller. The device is shown with 44 pins. Pin 1 is GND, Pin 2 is VDD, Pin 3 is VDDA, Pin 4 is PH14, Pin 5 is PH10, Pin 6 is PH12, Pin 7 is PH16, Pin 8 is PH12, Pin 9 is PH10, Pin 10 is PH14, Pin 11 is PH12, Pin 12 is PH16, Pin 13 is PH10, Pin 14 is PH14, Pin 15 is PH12, Pin 16 is PH10, Pin 17 is PH14, Pin 18 is PH12, Pin 19 is PH10, Pin 20 is PH14, Pin 21 is PH12, Pin 22 is PH10, Pin 23 is PH14, Pin 24 is PH12, Pin 25 is PH10, Pin 26 is PH14, Pin 27 is PH12, Pin 28 is PH10, Pin 29 is PH14, Pin 30 is PH12, Pin 31 is PH10, Pin 32 is PH14, Pin 33 is PH12, Pin 34 is PH10, Pin 35 is PH14, Pin 36 is PH12, Pin 37 is PH10, Pin 38 is PH14, Pin 39 is PH12, Pin 40 is PH10, Pin 41 is PH14, Pin 42 is PH12, Pin 43 is PH10, Pin 44 is PH14. The diagram also shows connections for VDD, VDDA, VREF+, and GND.

## 预留IO接口

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Title		STM32F407核心板	
Size A2	Number	嵌入式开发网精品店	Revision
Date:	2018-11-23	mcudev.taobao.com	
File:	Z:\VMDocs\STM32_F407_M407\Docum	出品	



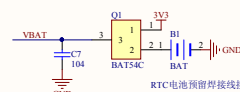
## 外部存储FLASH

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标准MicroUSB接口  
即常见安卓手机供电接

## USB 供电接口

## STM32-USB Slave接口



## 总线接口

### 实时时钟备用电池

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STM32E407核心板

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