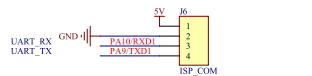
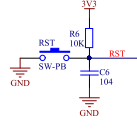


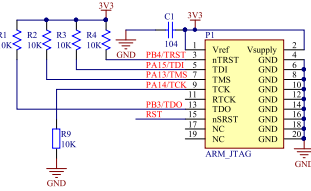
Regulated Power Supply



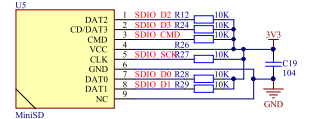
ISP Serial Download Program Interface



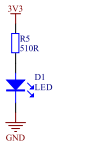
RESET Button



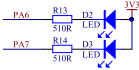
JTAG/SWD Debug Interface



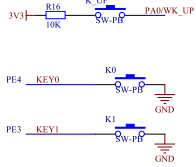
SD Card Interface



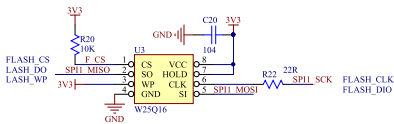
Power Supply Indicator



LED Indicators



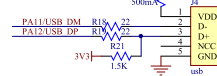
User Buttons



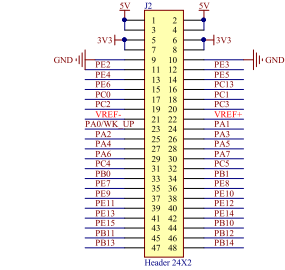
External Storage FLASH



NRF2401 Wireless Module Interface



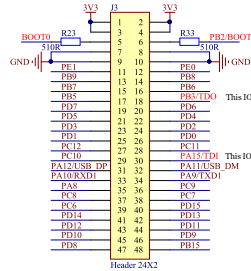
STM32 USB Slave Interface



TFT LCD Interface

BOOT0	BOOT1	Boot source
0	X	Flash (MMBasic)
1	1	System bootloader
1	1	RAM

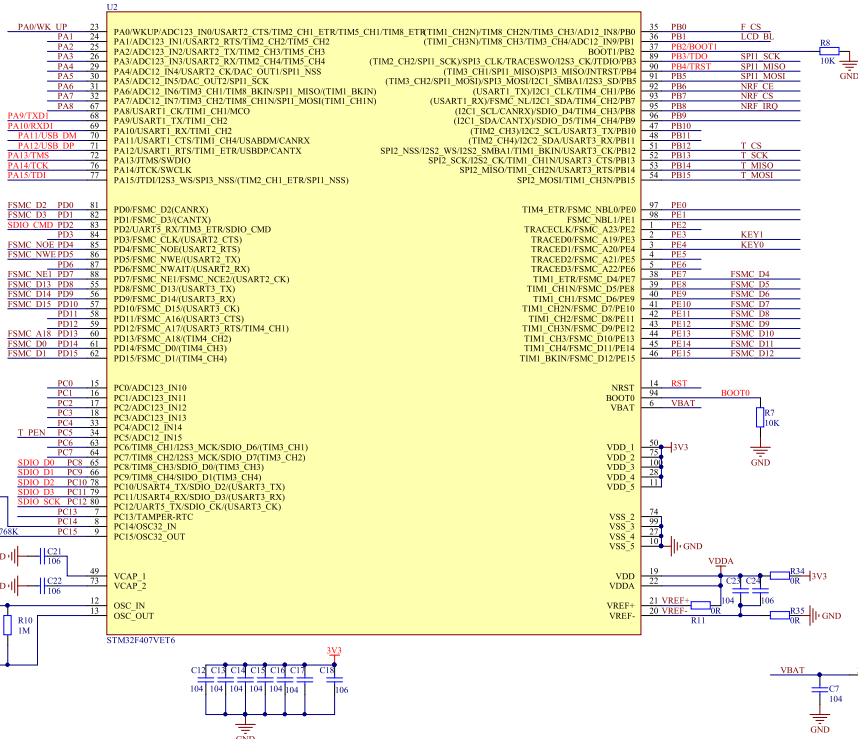
The STM32 operating mode has been grounded by default: grounded via R7 and R8.  
Normal operation, the jumper cap does not need to be plugged in, if other working modes are required. In order to change the jumper cap insertion mode, the board has a jumper cap by default. The jumper cap is inserted into the flash mode by default for the convenience of the board.



Reserved IO Interface

## CPU: STM32F407VET6

RAM: 196K FLASH: 512K  
Kernel: ARM 32-bit Cortex M3 CPU  
Up to 168MHz operating frequency



RTC Battery Backup