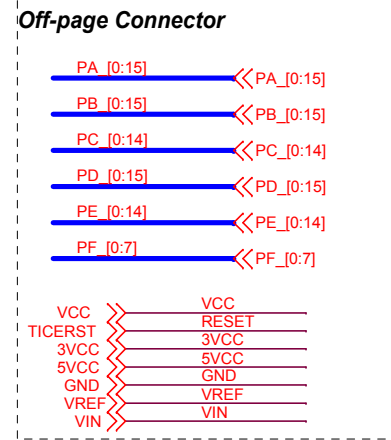
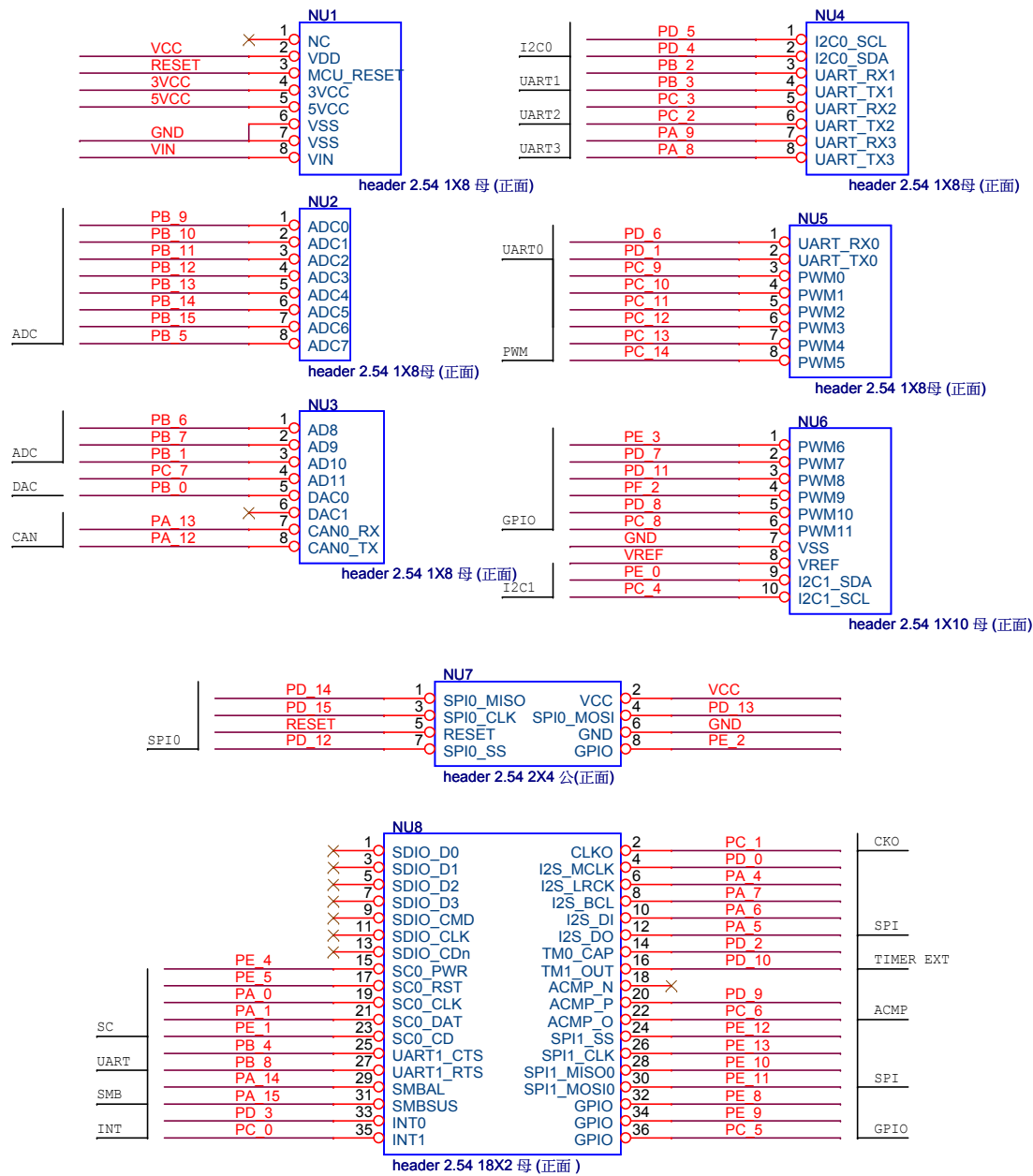
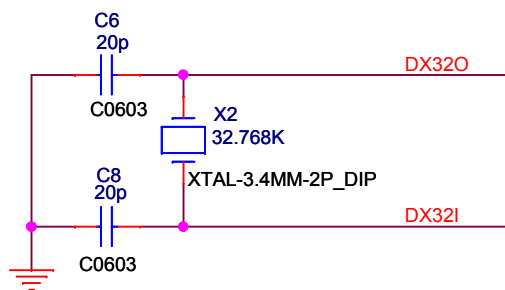
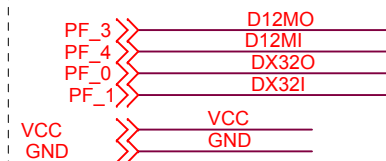


M451 LQFP100

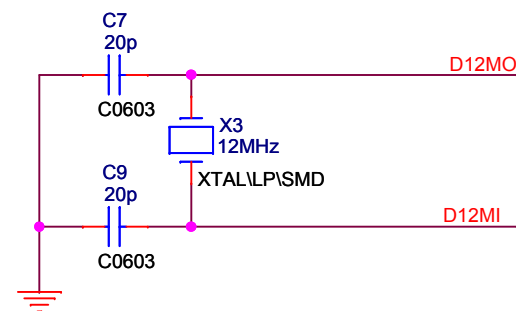


## Interface Connect

### Off-page Connector

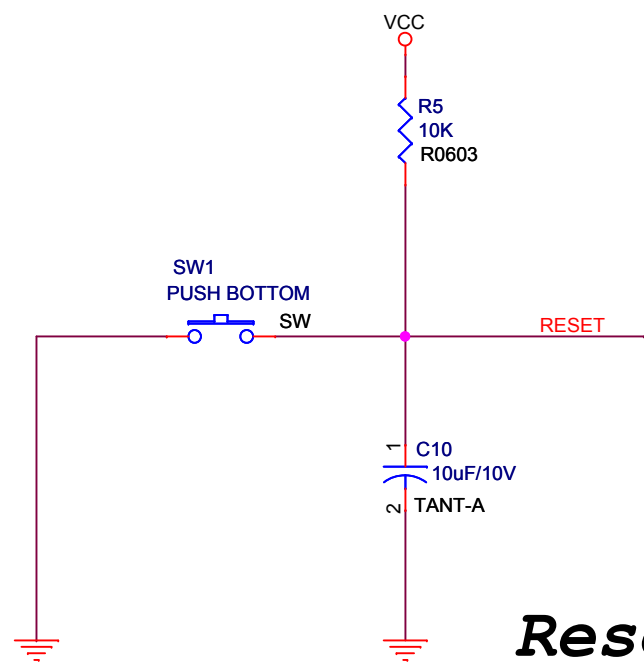
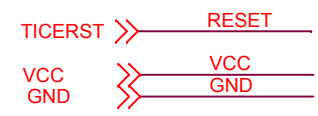


32.768Khz  
Crystal for RTC

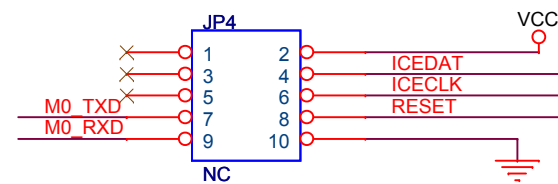


12Mhz  
Crystal

**Off-page Connector**

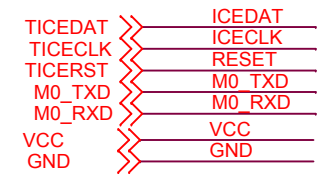


**Reset**

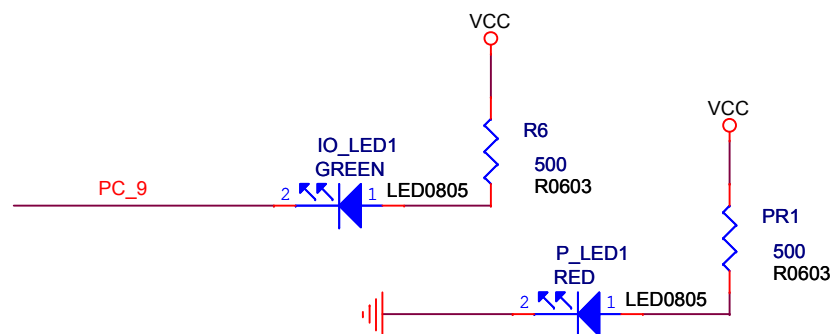
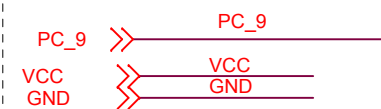


# ICE INTERFACE

## Off-page Connector



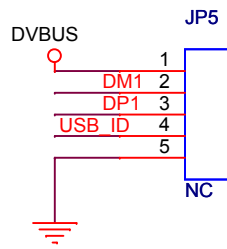
### Off-page Connector



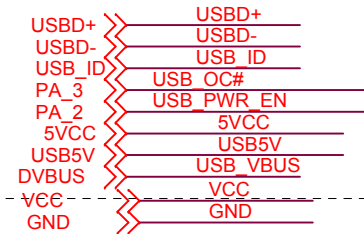
LED



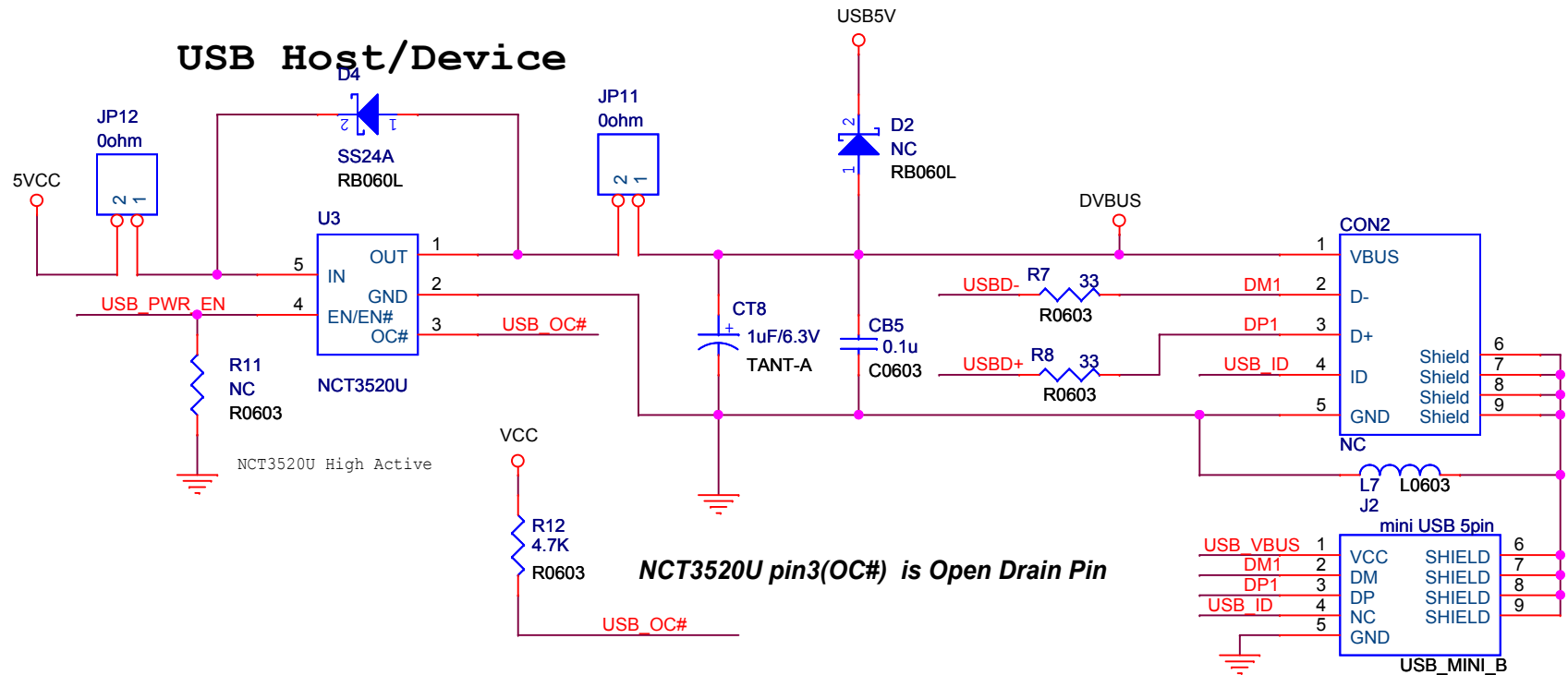
# For tester



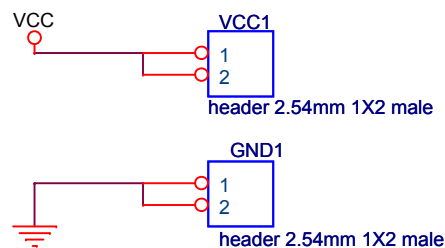
## Off-page Connector



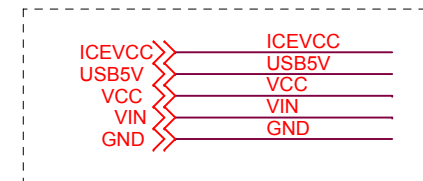
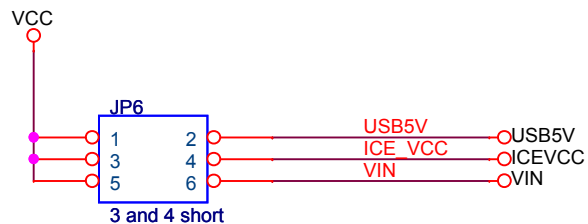
## USB Host/Device



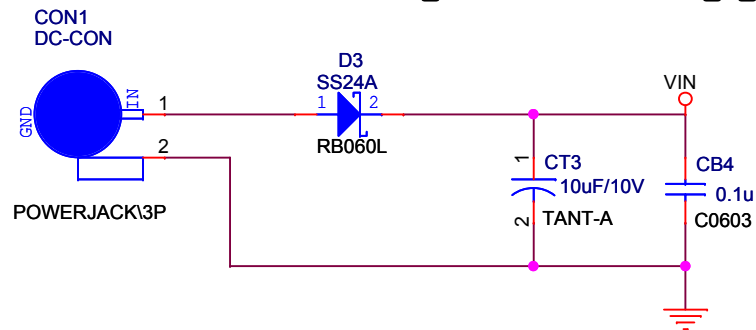
## Power Connect

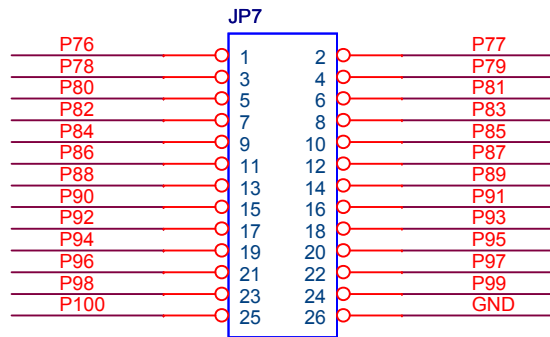


## POWER Select

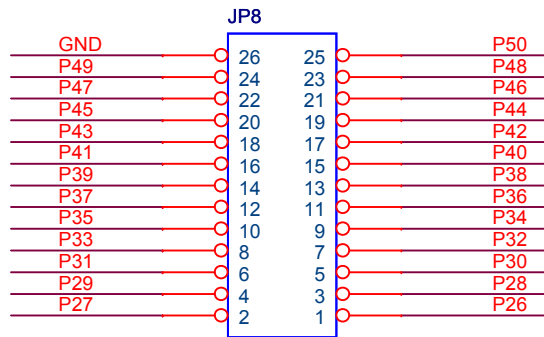


## 2.5V to 5V power supply

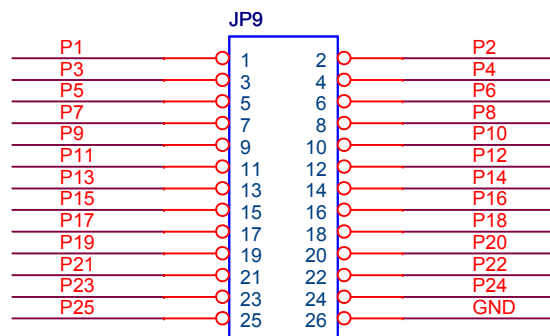




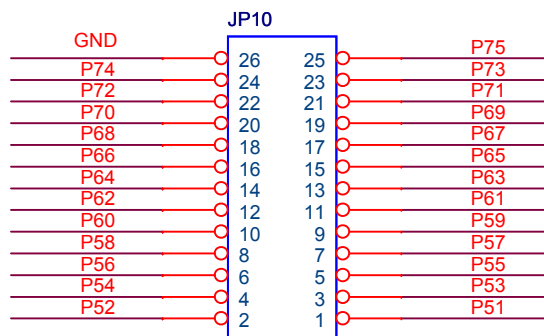
NC



NC

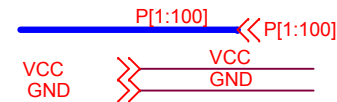


NC



NC

## Off-page Connector



# MCU External Connect