LSM100A
F/W Download Guide
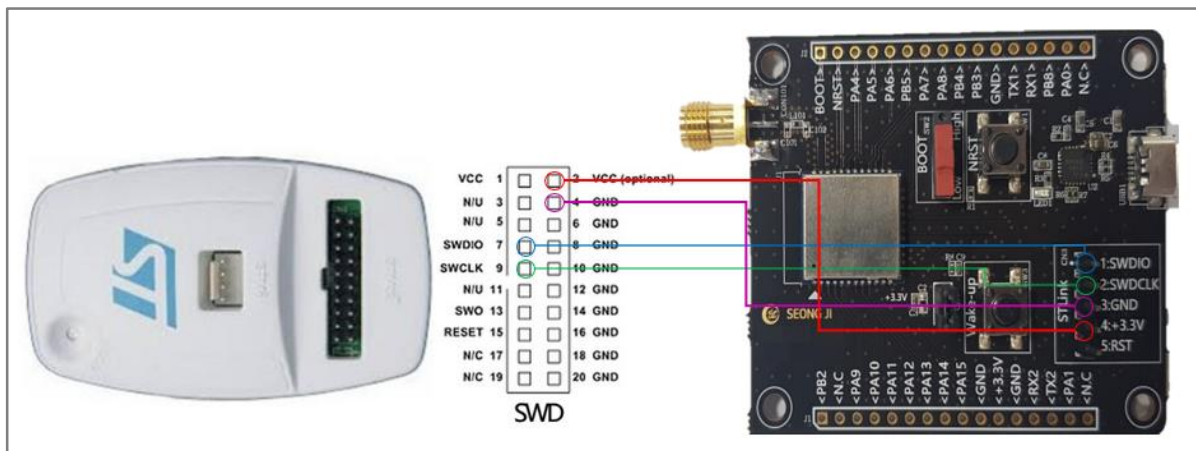
Rev 1.0

SEONG JI

Dec. 23, 2021

Contents

History

Date	Contents	Version	
2021-12-15	Create	V1.0	

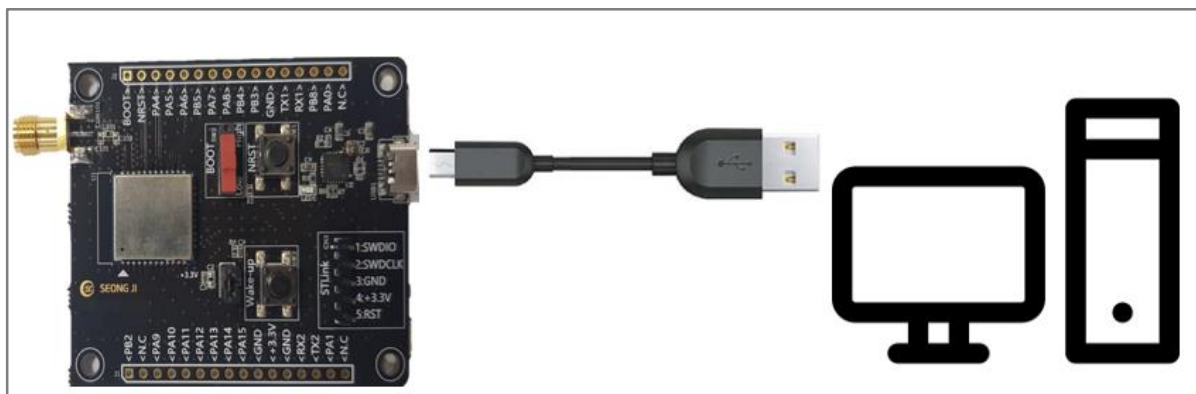# 1. F/W Download

1.1 Connect

1) Connect STlink and module
- Connect the circuit as shown in the image below
- PC and STlink connection
    - Red: VCC
    - Blue: SWDIO
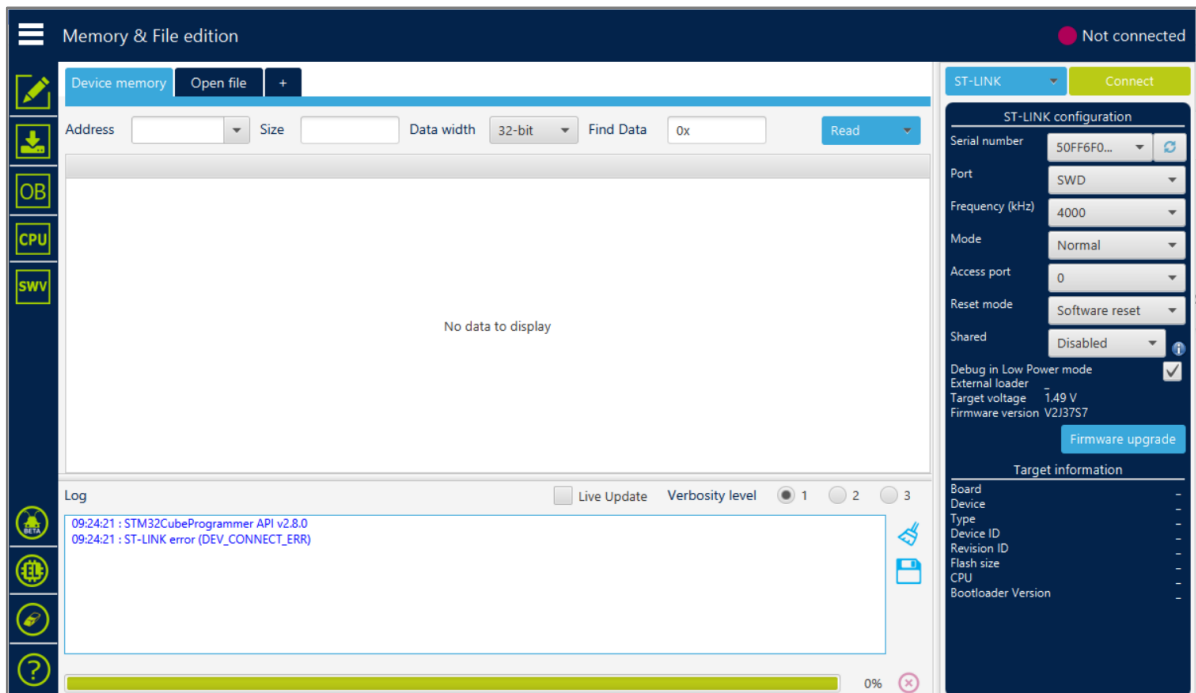   - Green: SWCLK
    - Purple: GND

2) Connect PC and module
- PC and module connection using micro 5pin cable
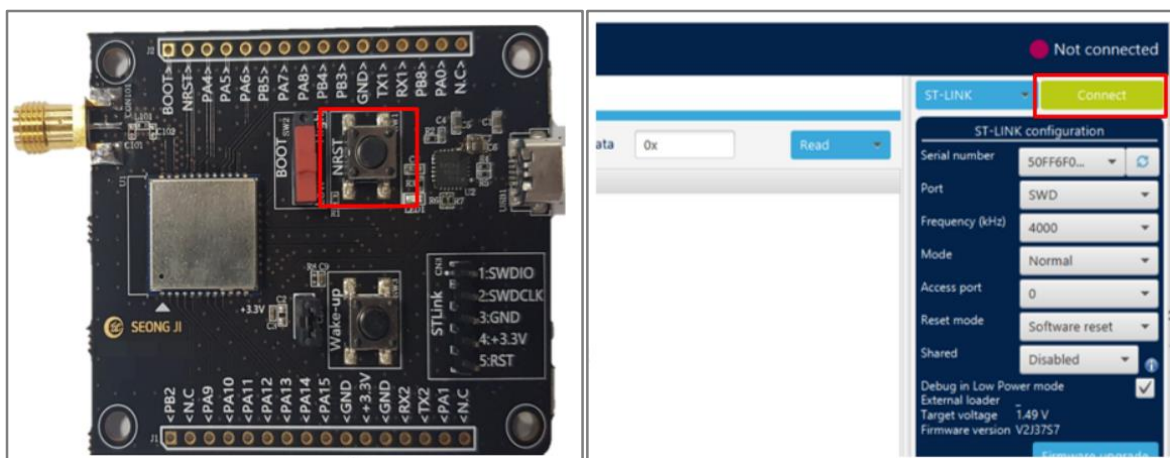
1.2 F/W download using STM32 Cube Programmer

Note: STM32 Cube Programmer can be downloaded from the STMicroelectronics website below

https://www.st.com/en/development-tools/stm32cubeprog.html

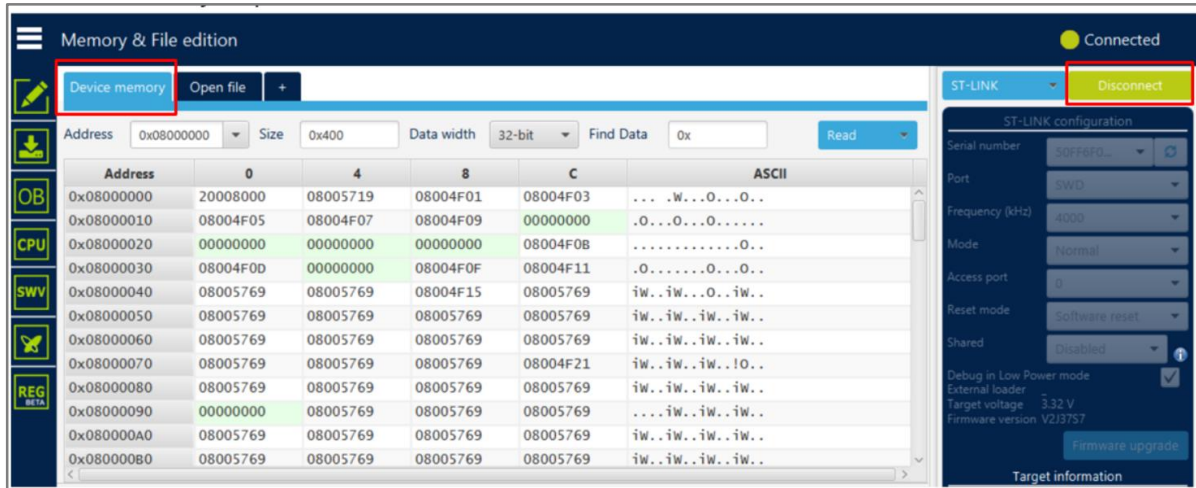1) Open the STM32 Cube Programmer

2) Connect the programmer and module
- While holding push the reset button, click connect of programmer and release the reset button
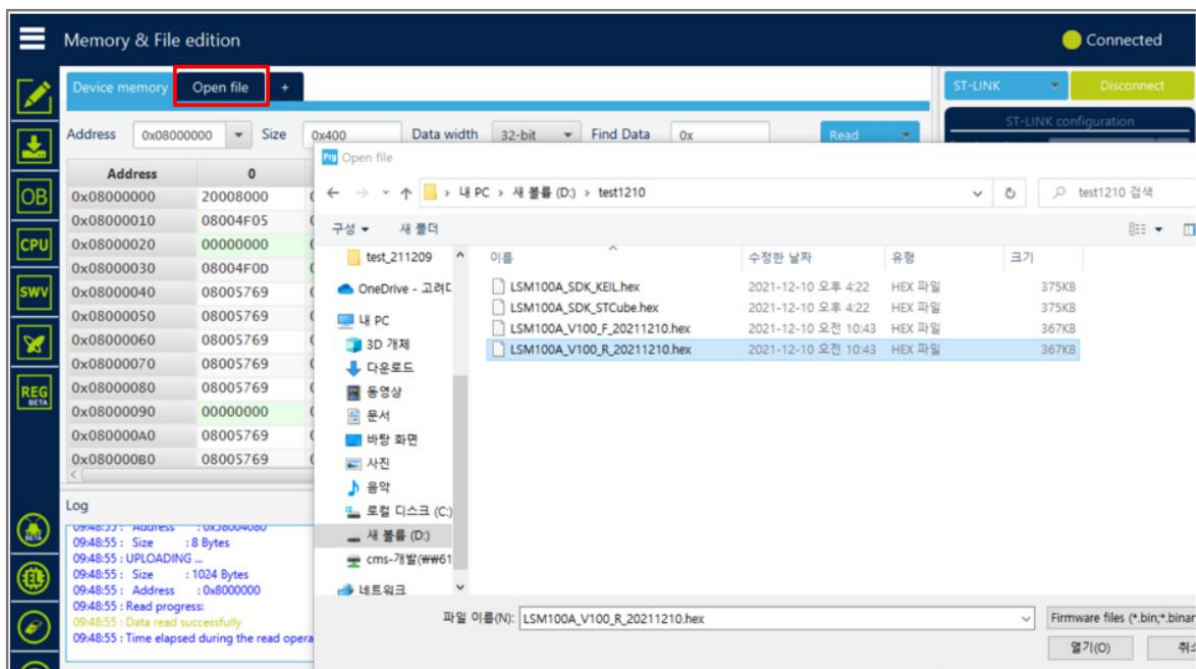
3) Check the connection
- The connect button changes to disconnect
- Device memory is print

4) Hexfile import
- open file click
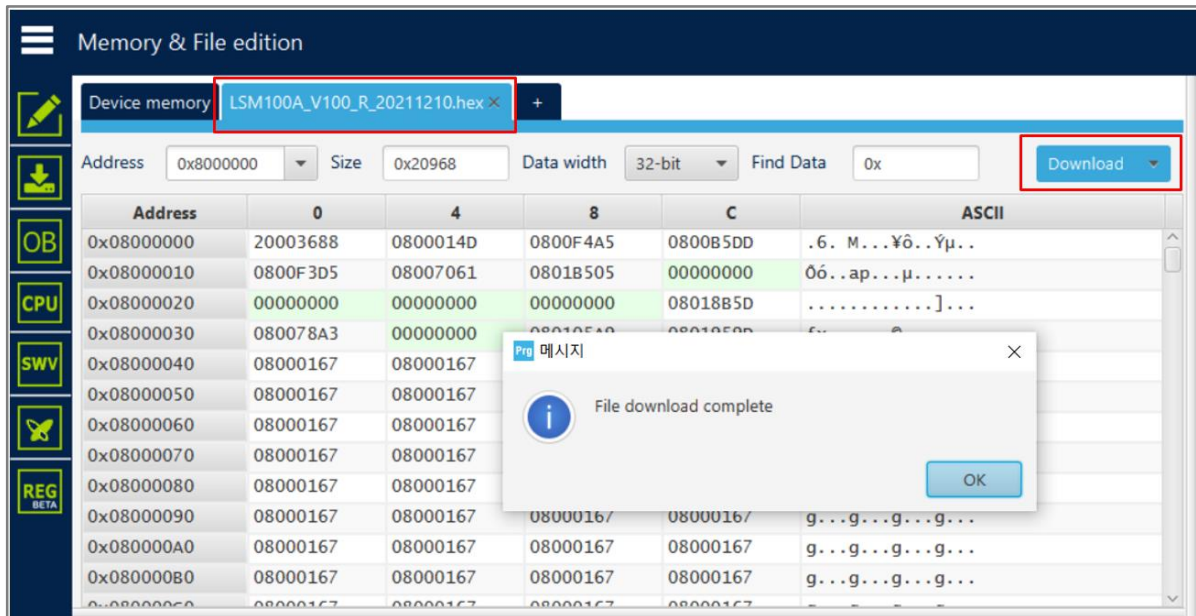- Load the hex file you want to download

※ Warning: Never erase the entire memory
       Users are responsible for any problems caused by the erase
※ Warning: Users are responsible for any problems resulting from the use of any hexflie other   than the
       provided hexfile

5) Download
  • Click Download in the loaded hex file tab
  • After that, check the "File download complete" message

6) Check the booting log
  • Check the booting log using serial monitoring program