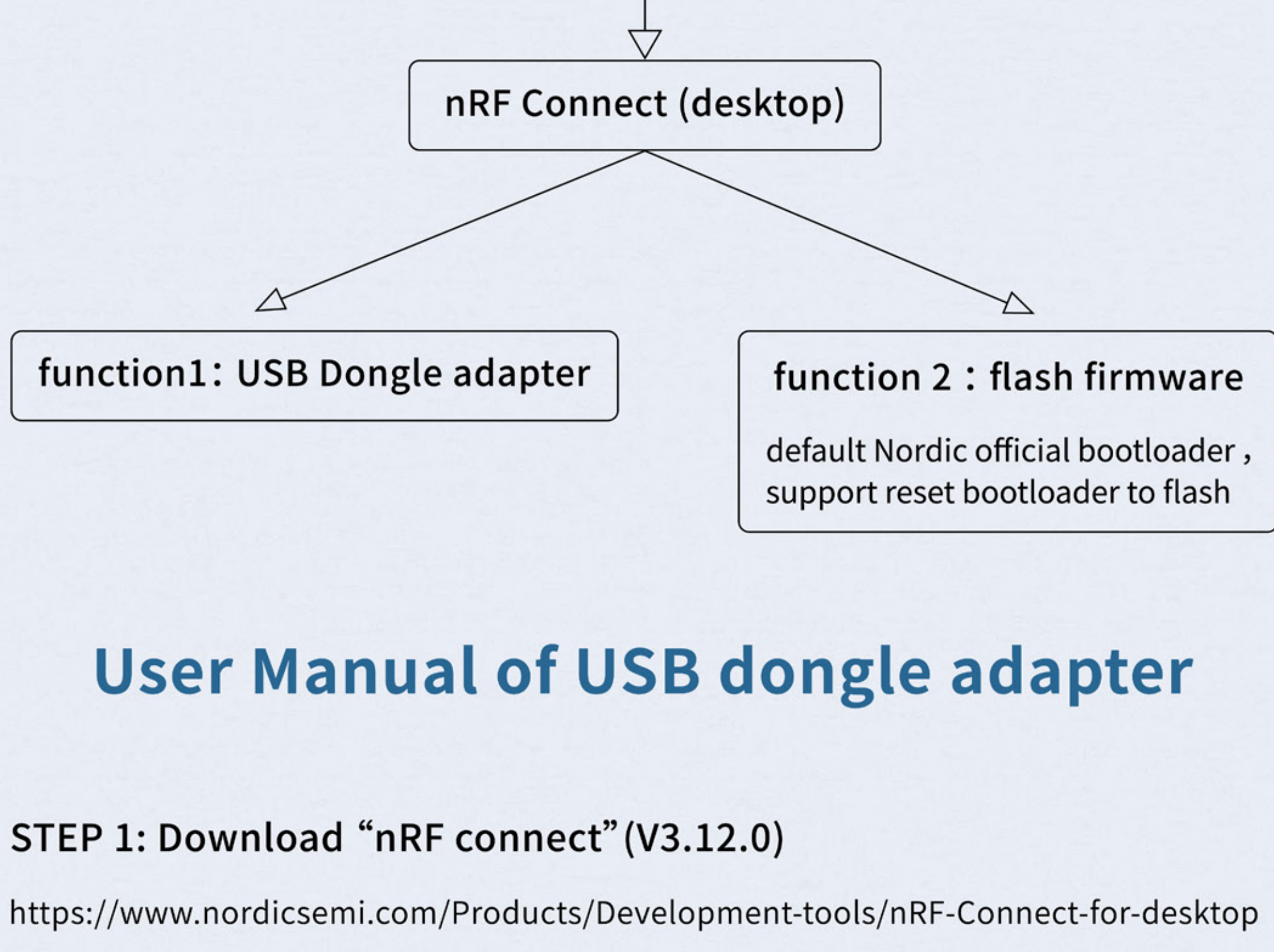


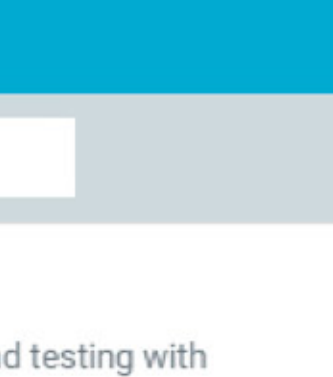
User Manual



User Manual of USB dongle adapter

STEP 1: Download “nRF connect”(V3.12.0)

<https://www.nordicsemi.com/Products/Development-tools/nRF-Connect-for-desktop>

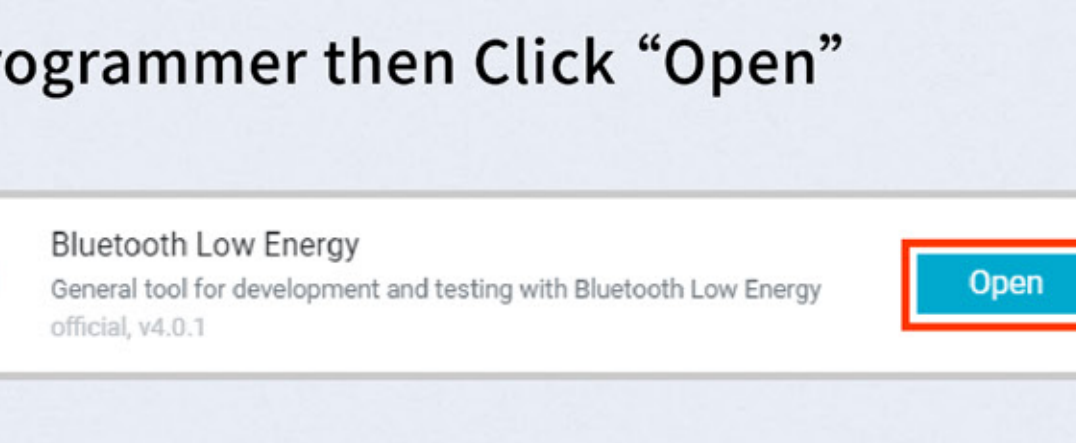


nRF Connect

STEP 2: Installed “nRF connect” then install Bluetooth Low Energy



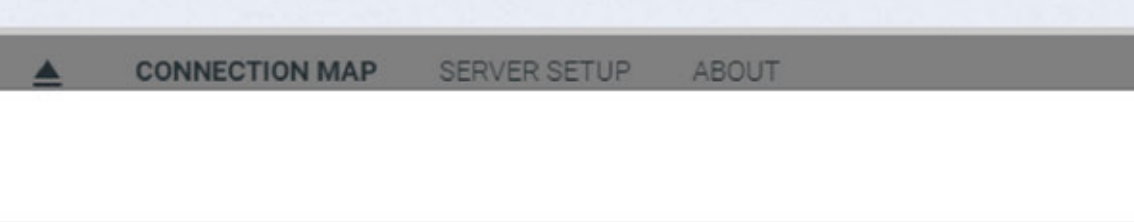
STEP 3: Plug in USB Dongle, green LED on



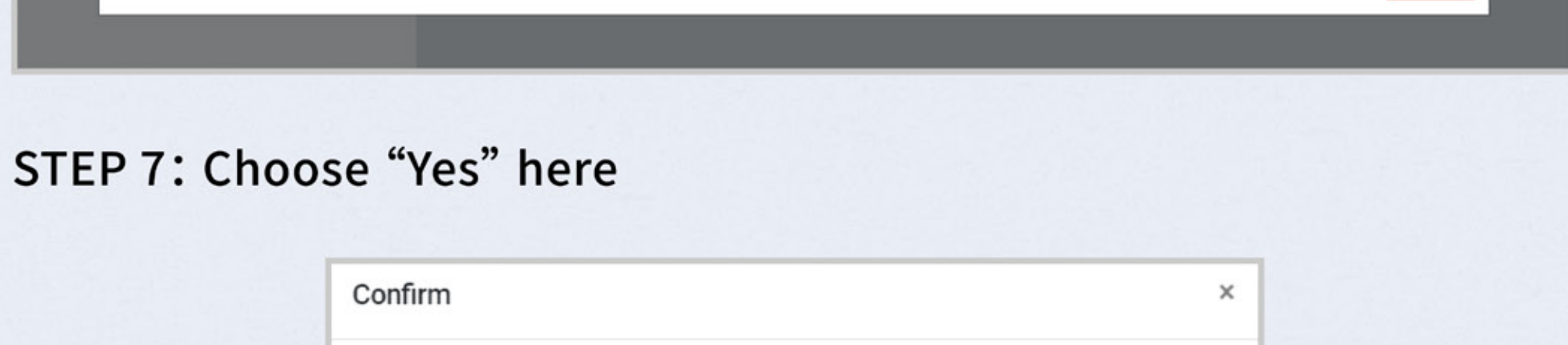
STEP 4: Find Programmer then Click “Open”



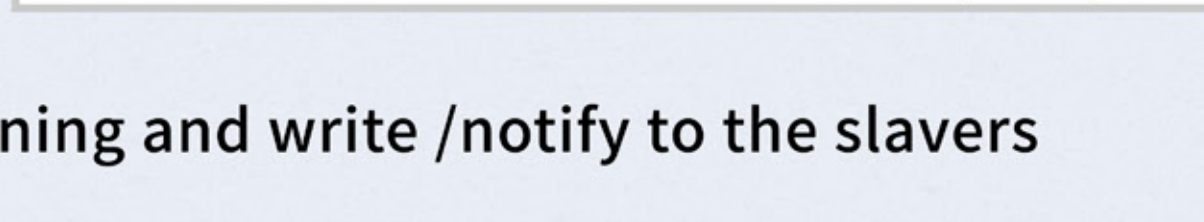
STEP 5: Select Device-----> open the DFU bootloader



STEP 6: Choose “No” as below picture



STEP 7: Choose “Yes” here



STEP 8 : Scanning and write /notify to the slavers

Note : this firmware is Nordic official firmware which can use dongle as master and adapter . (Write/Notify functions)



USB Dongle flash firmware

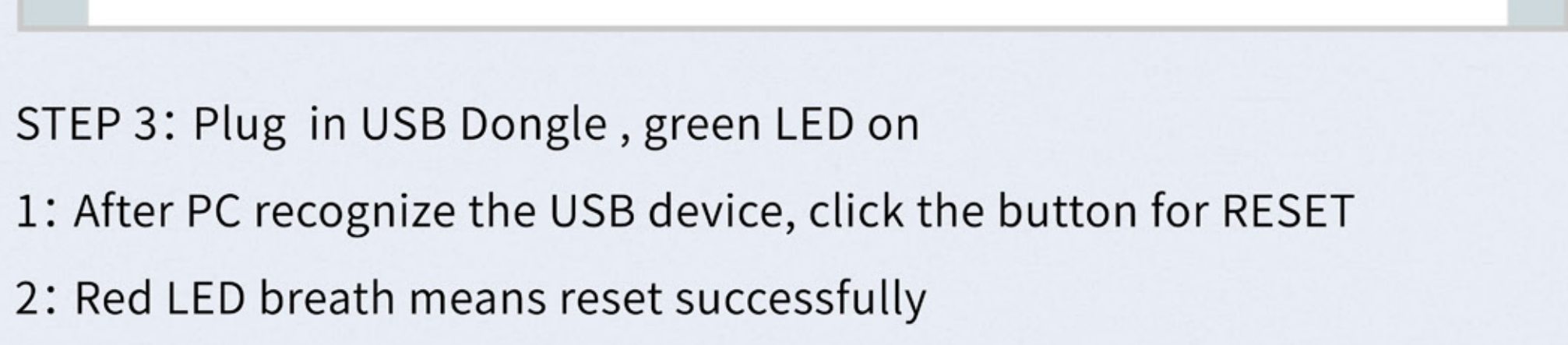
STEP 1: Download “nRF connect”(V3.12.0)

<https://www.nordicsemi.com/Products/Development-tools/nRF-Connect-for-desktop>



nRF Connect

STEP 2: Installed “nRF connect” then install Programmer

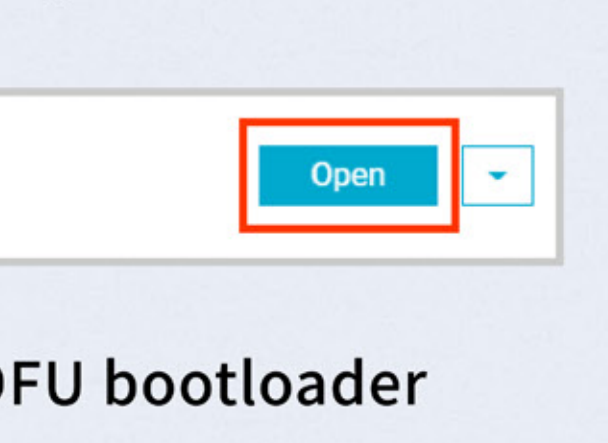
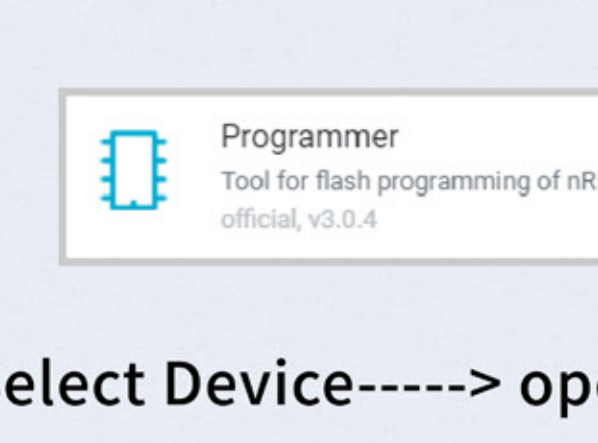


STEP 3: Plug in USB Dongle , green LED on

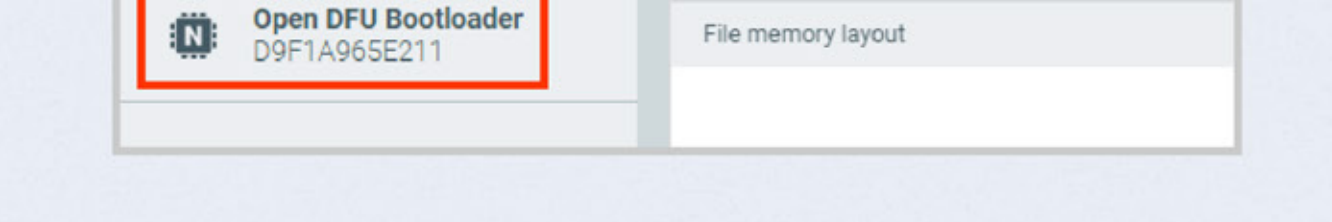
1: After PC recognize the USB device, click the button for RESET

2: Red LED breath means reset successfully

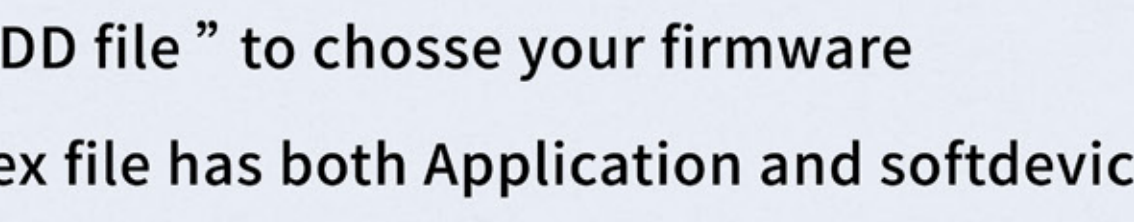
Note: Only press button one time for RESET and no need long press



STEP 4: Modern Programmer then Click “Open”



STEP 5: Select Device-----> open the DFU bootloader

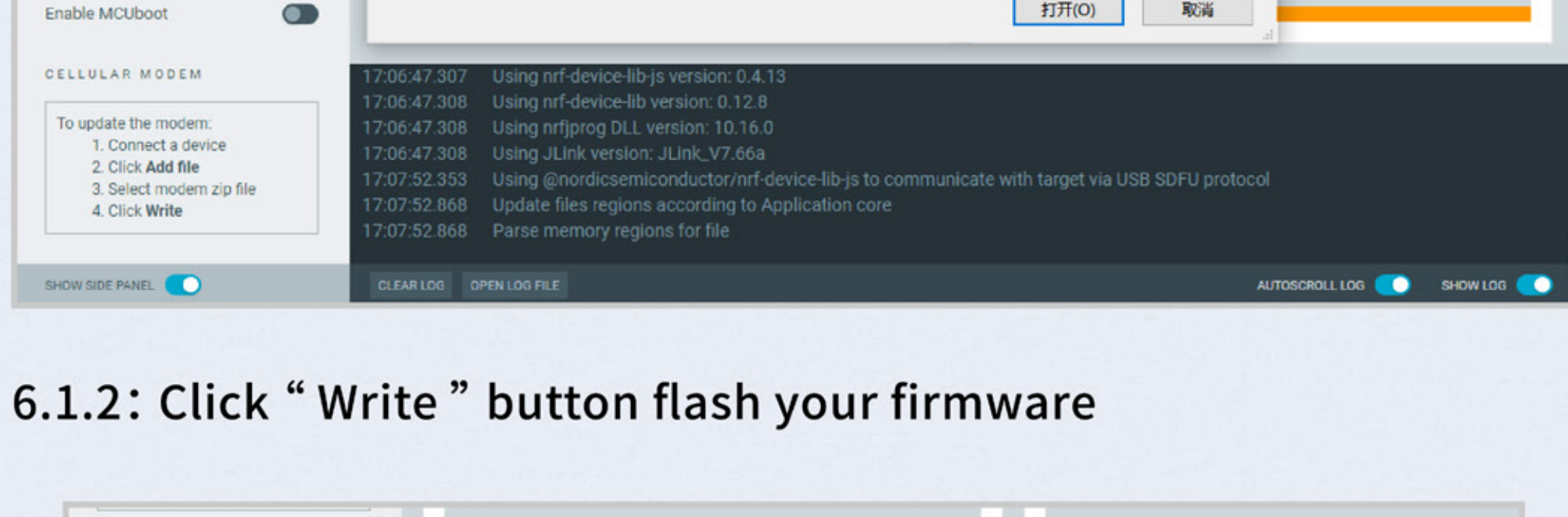


STEP 6: Choose the file(Note: Softdevice support (0x9D s132_nrf52_5.0.0))

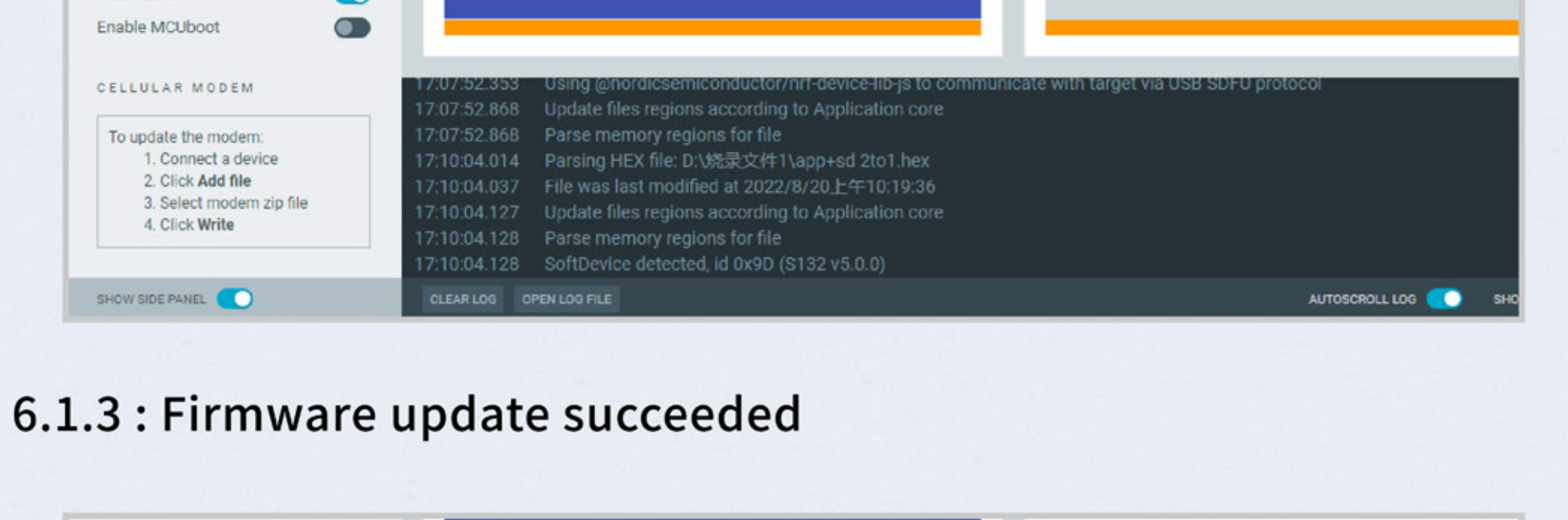
open “ Auto read memory”

click “ ADD file ” to choose your firmware

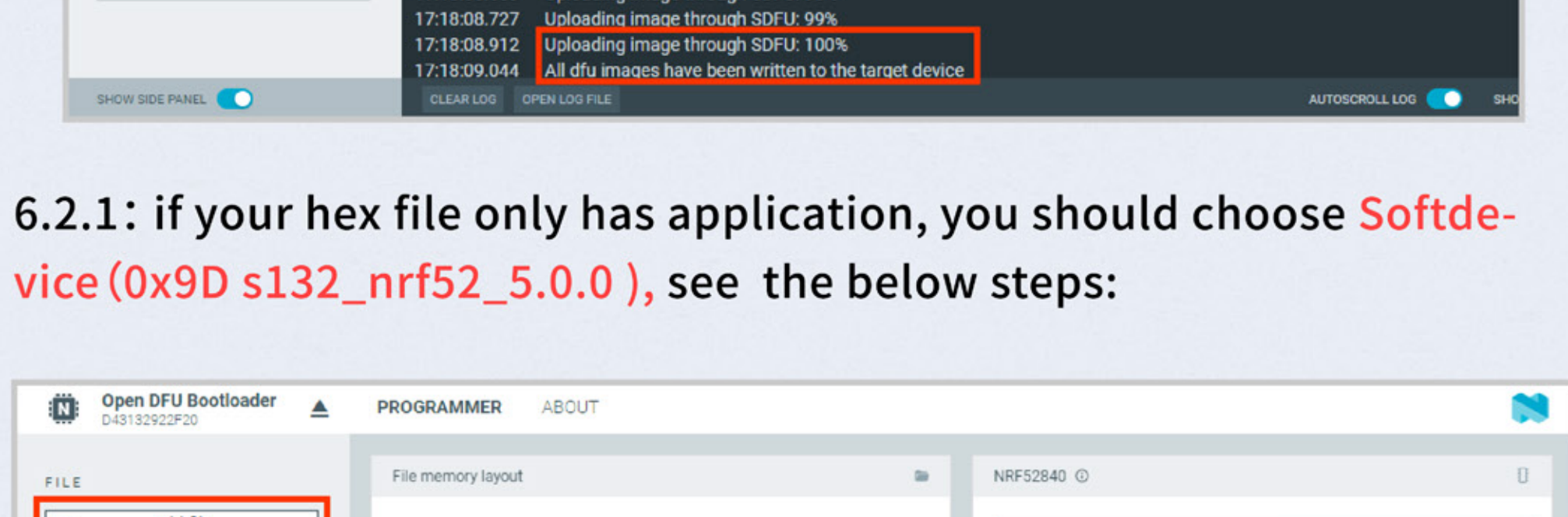
6.1.1: if your hex file has both Application and softdevice, please follow the below steps:



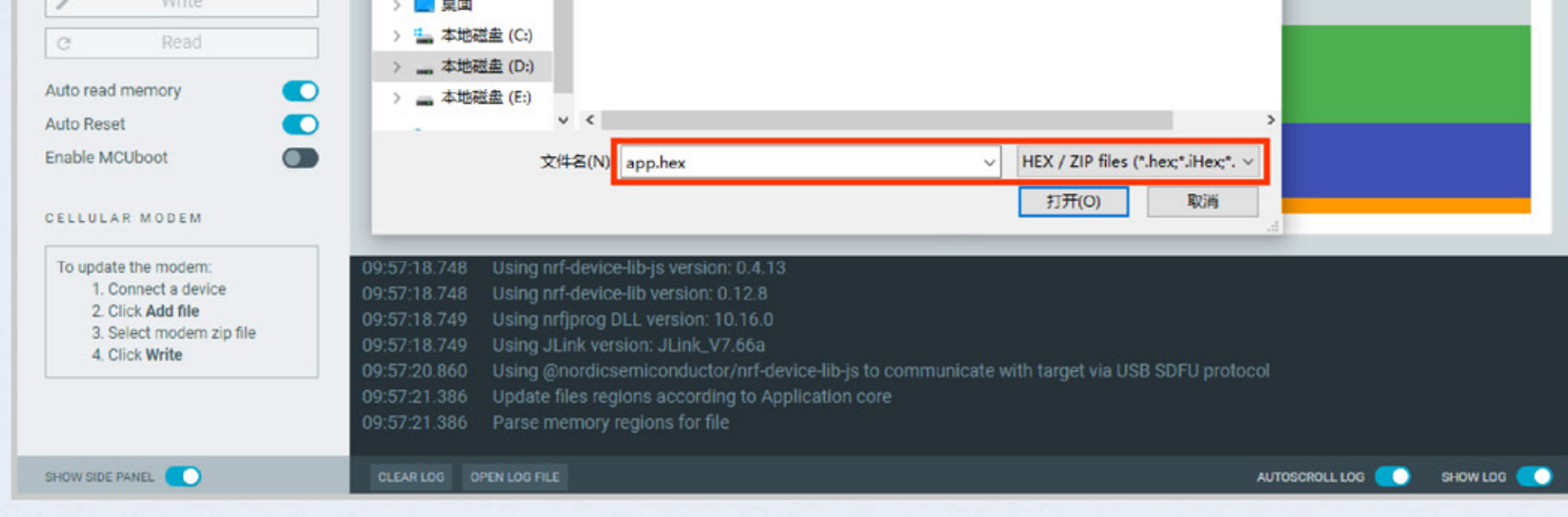
6.1.2: Click “ Write ” button flash your firmware



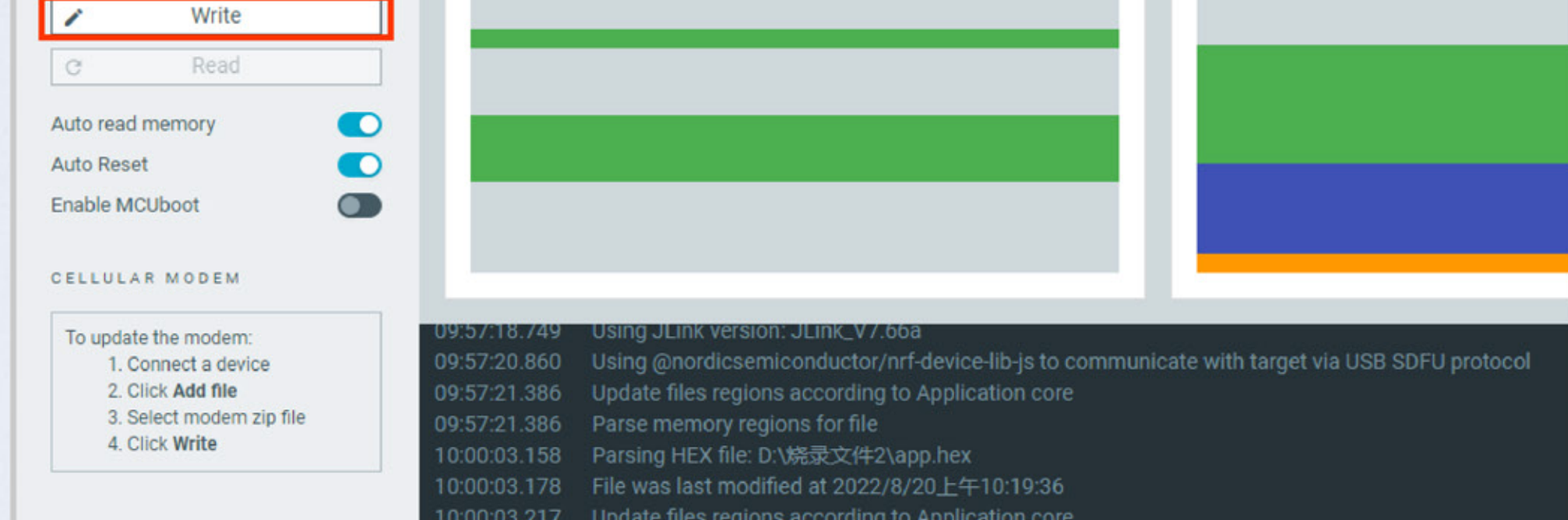
6.1.3: Firmware update succeeded



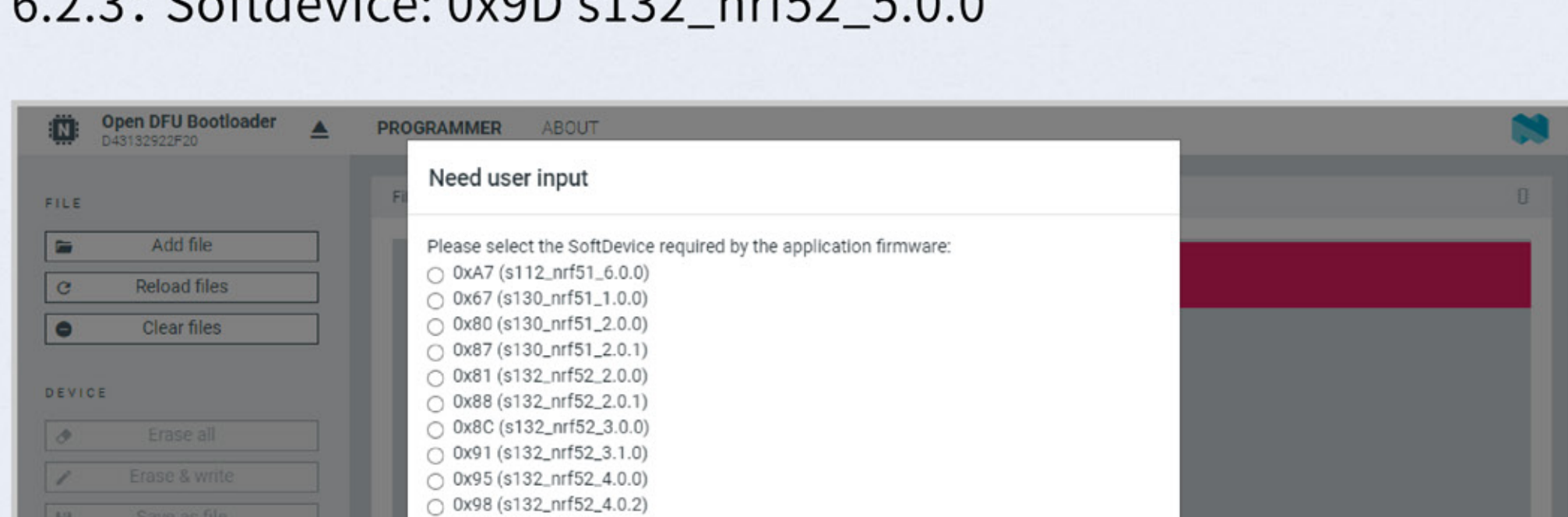
6.2.1: if your hex file only has application, you should choose Softdevice (0x9D s132_nrf52_5.0.0), see the below steps:



6.2.2: Click “ Write ” button flash your firmware



6.2.3: Softdevice: 0x9D s132_nrf52_5.0.0



6.2.4: Firmware update succeeded

