SensorTile.Box recover and firmware upgrade

A safe procedure

Download the STM32CubeProgrammer on your PC

- **Step 1**: Go to [STM32CubeProg](#) st.com page

- **Step 2**: Get Software and download it

- (**Step 2b**: [Register/Login](#) on st.com)

- **Step 3**: Install it on you PC
  - You could need admin rights
  - If you have DFuSe driver installed, please uninstall

- **Step 4**: Launch the STM32Cube Programmer

Step 2

Step 2b

Configure the SensorTile.box
for direct firmware upgrade (DFU)

- **Step 0:** Download and unzip the *SensorTile.box_V3p4p4_BL.zip* file
 - You can find this file attached to this post

- **Step 1**: Unscrew the box and extract the board

- **Step 2**: Disconnect the battery

- **Step 3a**: Press the BOOT button (➡) and…

- **Step 3b**: …plug the USB cable (➡) while keeping

  the BOOT button pressed

- **Step 4**: Release the BOOT button after the USB cable

  has been plugged

Steps 3a&3b
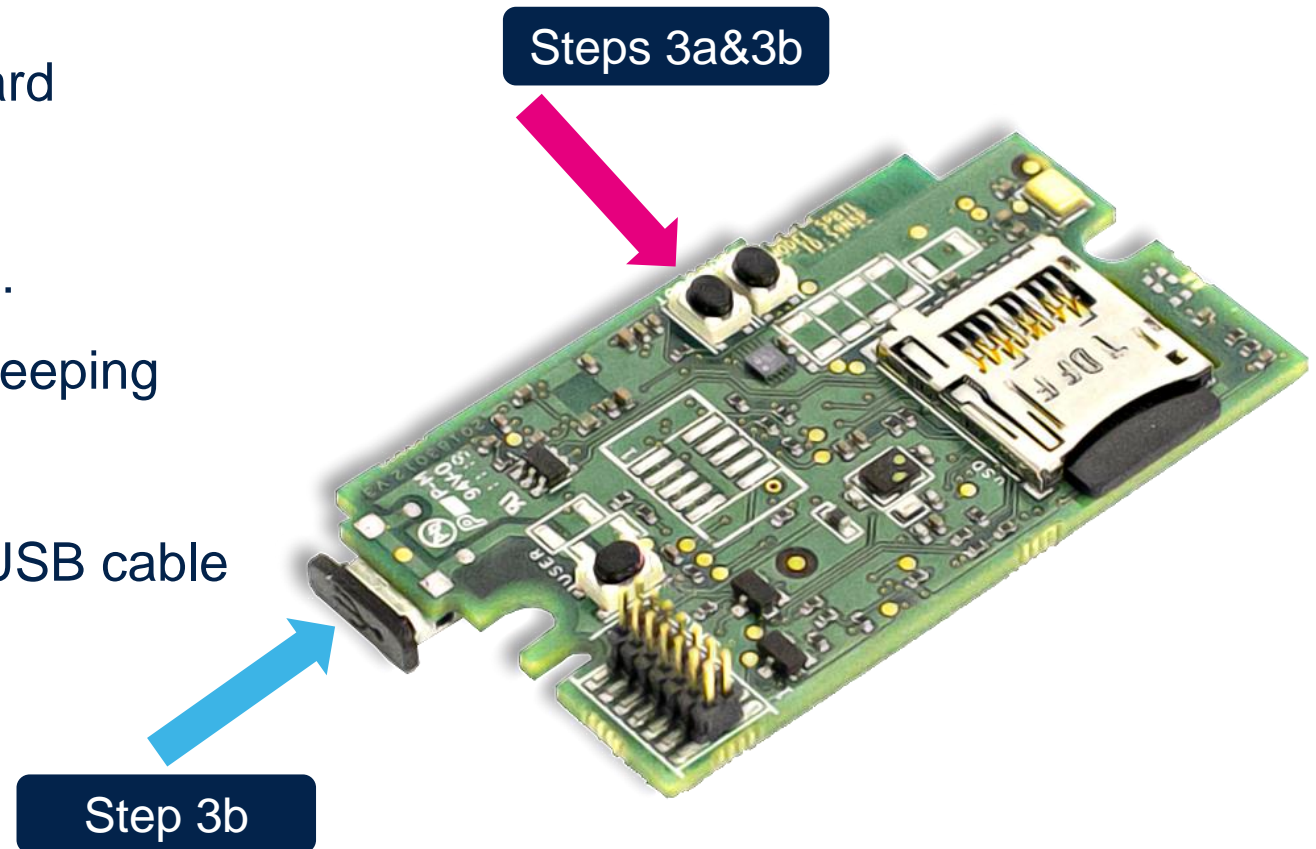
Step 3b

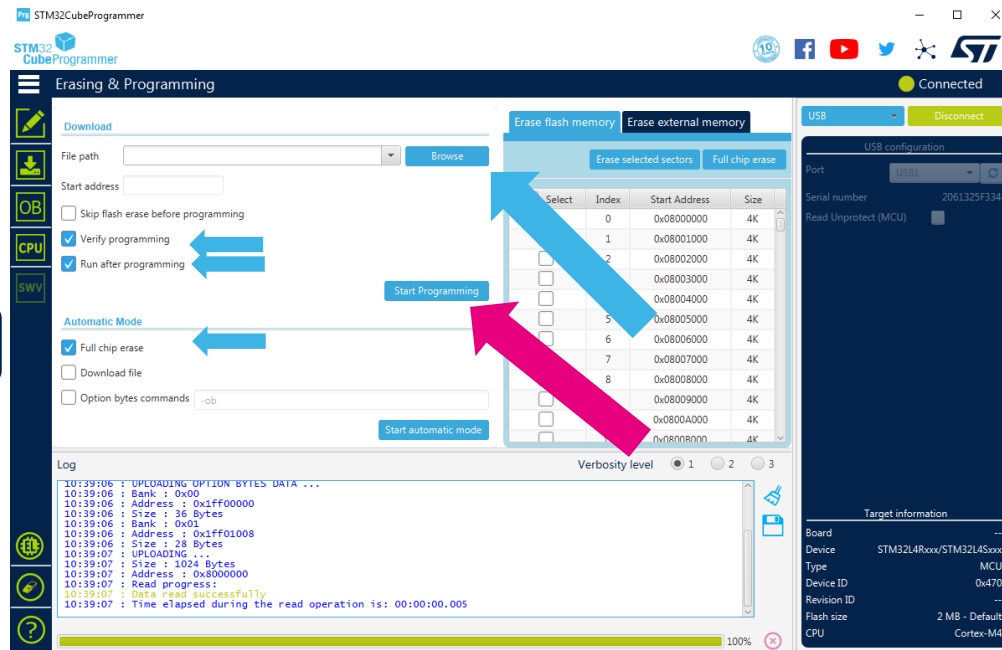# Configure the STM32 Programmer

- **Step 1**: Select USB (➡) and refresh the button shown in the pic (➡)
  - USB port name will appear

- **Step 2**: Press «Connect» button (➡)

- **Step 3**: Press «Download» button (➡)

Step 1

Step 2

Step 3
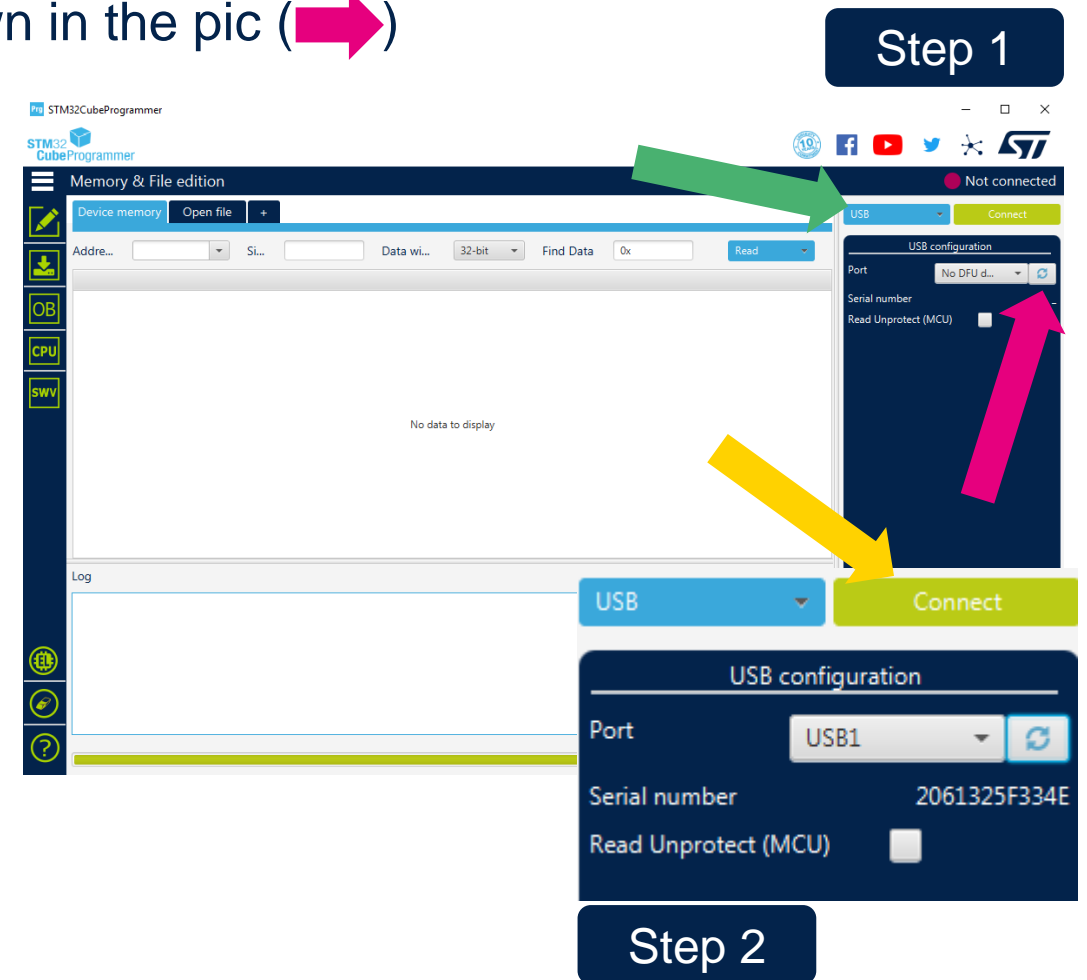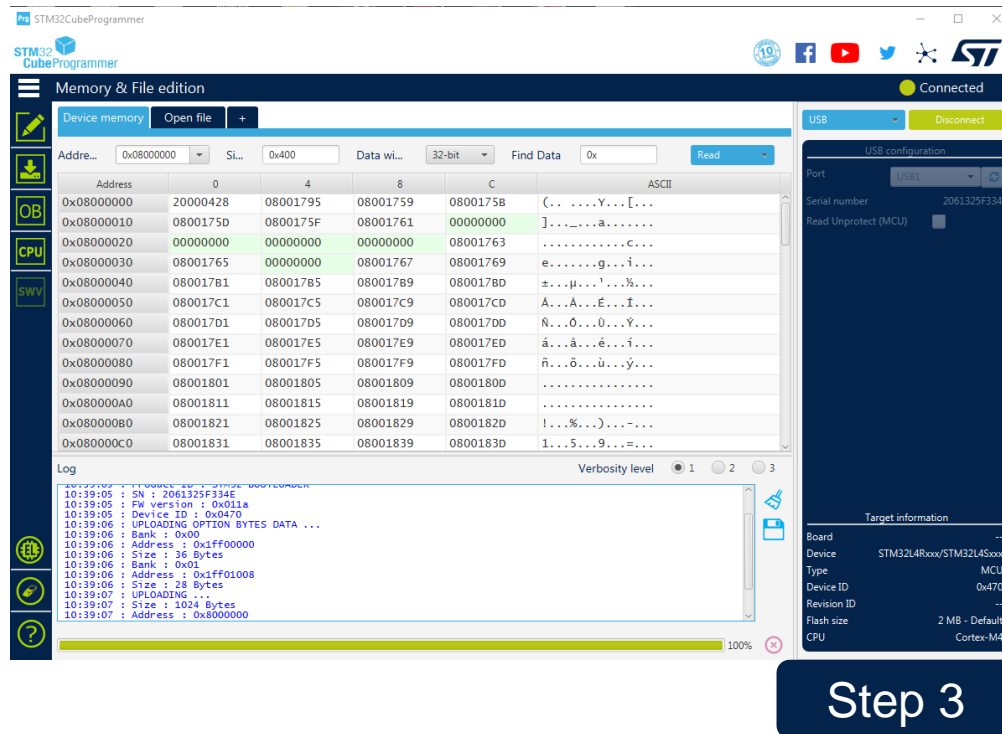
Program the SensorTile.box

- **Step 1**: Select the *SensorTile.box_V3p4p4_BL.bin* file attached to the post and configure the blue flags as in the pic (➡). Then press «Start Programming» (➡)

- **Step 2**: Wait until the download is completed, then press OK to the pop-ups (➡)

- **Step 3**: disconnect USB cable, reconnect the battery and reconnect USB cable. You should now be able to detect your SensorTile.box via BLE with the STBLE Sensor app.

Step 1

Step 2