***UPDATE PROCEDURE UNDER WINDOWS USING STM32CUBE PROGRAMMER.***

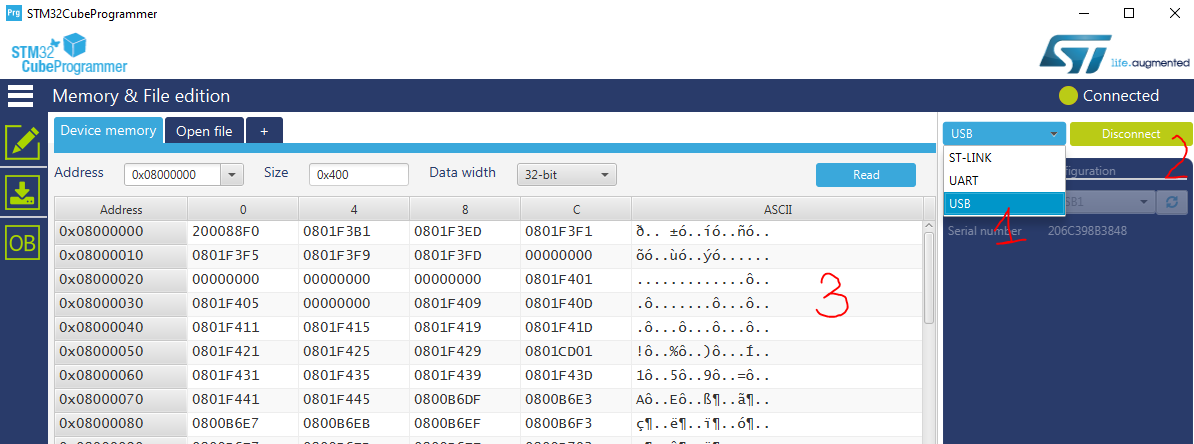
***IDENTICAL FOR MAC OS X USIGN SAME APP***

***UPDATE PROCEDURE ALGORITHM***

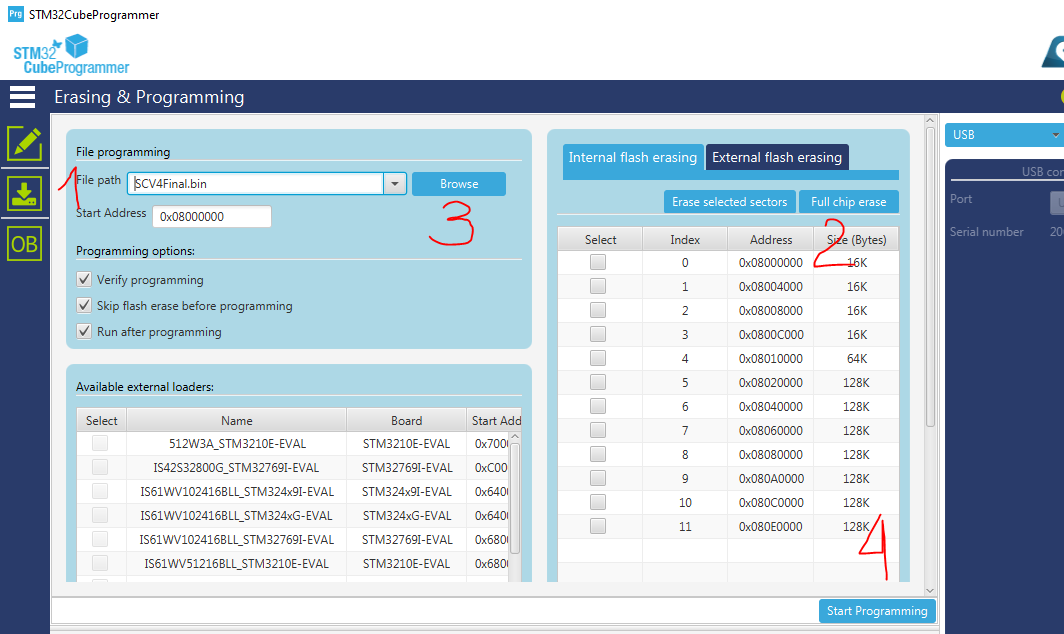
1. Download and install free **STM32CubeProgrammer software for all STM32** (STM32CubeProg) from official STMicroelectronics web-site: <https://www.st.com/en/development-tools/stm32cubeprog.html>

Current version is 2.15. It is recommended to have Windows 10 or later version of operating system.

1. Download the latest firmware update file.
2. Connect the module to the programmer with 4 pins – so called SWD interface.
3. Power-on the eurorack system
4. After Windows successfully installs drivers for new you may launch ***Start*** > ***All Programs*** > ***STM32CubeProgrammer***. In the top right list select ST-LINK (1) and press green CONNECT button (2) right to it. In the center window you will see device memory loaded (3):



1. After successful step 5) above, press ERASING & PROGRAMMING button in the left column with the down arrow (1):



1. You may Press FULL CHIP ERASE (2) and wait for 10-20 seconds until the chip will be fully erased. Is an optional step.
2. Press BROWSE (3) button and select the path of the binary file from the archive the latest firmware you’ve downloaded. You can select either binary, hex or DFU file.
3. Press START PROGRAMMING (4) and after 5-7 seconds your module will reboot with the new firmware. You may now press a few times OK to the appeared windows and close Cube Programmer.