

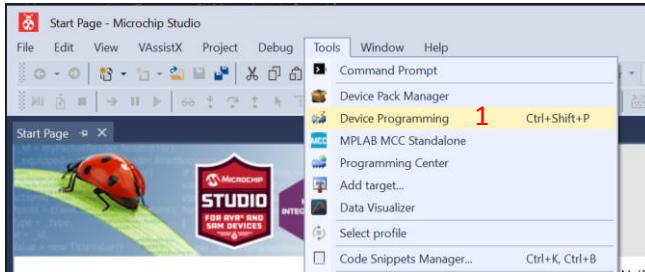
Flashing bootloader on factory new SAMD21

Prerequisites:

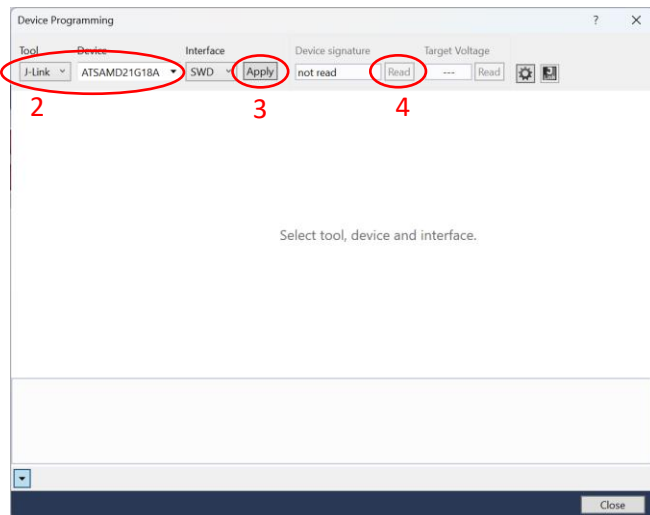
- AVR/Microchip Studio
- JTAG programmer (eg. Segger J-Link) + drivers installed
- SAMD21 board (ATSAMD21G18A)

Programming:

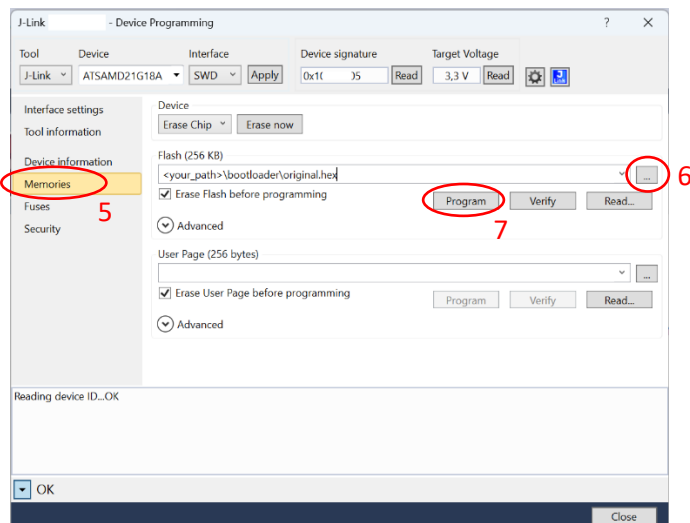
1. Hook up SWD_IO, SWD_CLK and GND of your programmer to the board. Power the board.
2. Start Microchip Studio and open “Device Programming” in Tools.



3. Your programmer should be listed in tools. Select the device type “ATSAMD21G18A” and click “Apply” and “Read”. The target should be detected.



4. Select “Memories” and click on “...” to select the bootloader.hex file as flash content.
5. Click “Program” to write flash content.



6. Your device now contains a bootloader capable of sam-ba and USB-MSC uf2 (drag&drop) programming. Double tap the reset button to enter USB-MSC bootloader mode.