

## VONSCH UNIFREM Firmware flashing

### Computer preparation:

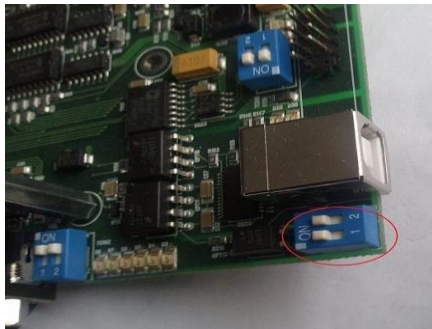
- download the file uniflash.zip from <http://soft.vonsch.sk/data/Software/UNI/uniflash.zip>
- unpack the downloaded zip file
- install C2Prog application (C2Prog\_xxx.exe)
- it might be necessary to install driver USB-485.exe
- it might be necessary to download Java from <http://www.java.com>

### Firmware download:

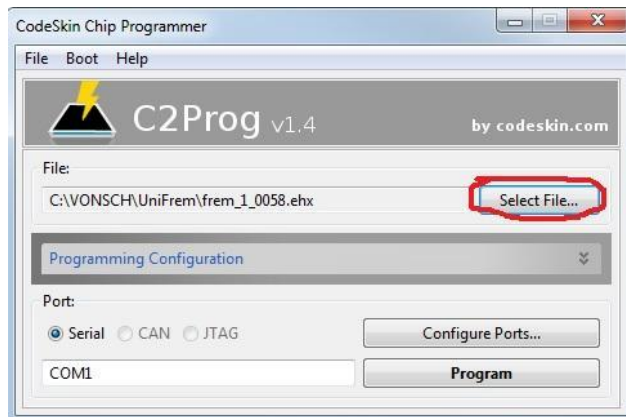
- download from [www.vonsch.sk/support](http://www.vonsch.sk/support) the most recent firmware for selected product

### Flashing:

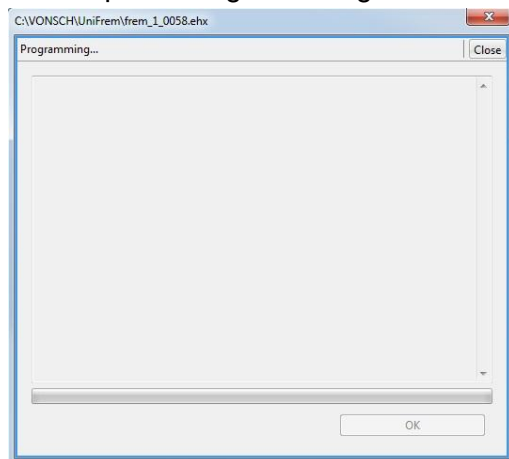
- it is recommended to back up the converter by using the UNIPANEL panel or by VONSCH Drive Studio
- turn off the converter (wait until all lights are off)
- switch the DIP switch "FLASH", or connect the "FLASH" pins by jumper to get to the firmware flashing mode



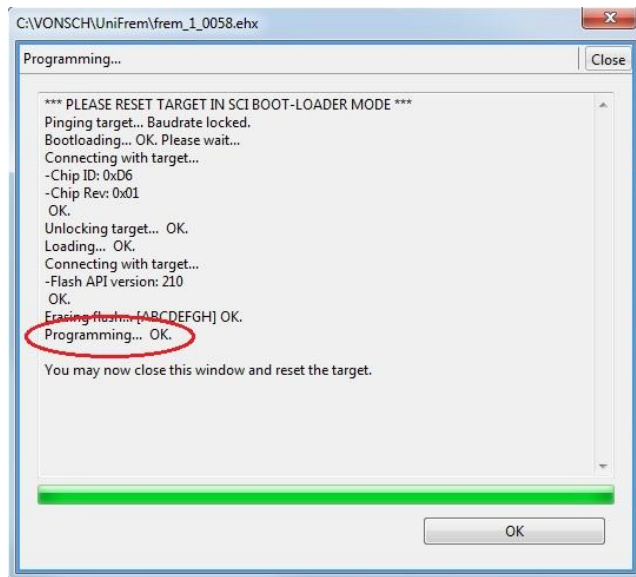
- connect the converter to the computer by an USB-B cable
- check the proper COM port in Windows (C2Prog supports Port Scan to find the proper port) "Control Panel / System and Security / System / Device Manager / Ports (COM and LPT) / USB serial port / Port Settings/ Advanced/ Port number"
- turn on the converter
- launch C2Prog
- choose the required firmware file (ehx) by pressing "Select File" button
- Configure Serial port communication
  - press "Configure Ports" button
  - scan ports by pressing "Scan Ports" button
  - wait until the ports are scanned
  - choose the COM port
  - Confirm by pressing "OK"



- start firmware flashing by pressing the “Program” button
- a window with details and the progress bar will open
- if nothing happens or an error message is displayed, close this window and check the port configuration again



- wait until program is successfully flashed to the converter



- turn off the converter (wait until all lights are off)
- disconnect the USB cable
- switch off the DIP switch "FLASH", or disconnect the "FLASH" pins by jumper
- turn on the converter, it should reinitialize and start with the new firmware