

Open_FUT Firmware Update

An *update boot* (aka TE USB FX2 firmware update) is a multi-step boot operation. It follow this steps.

Follow the same procedure described in [update boot](#) and use Open_Fut (gen 3) instead of [CyConsole](#) or [CyControl](#) or [OpenFutNet](#).

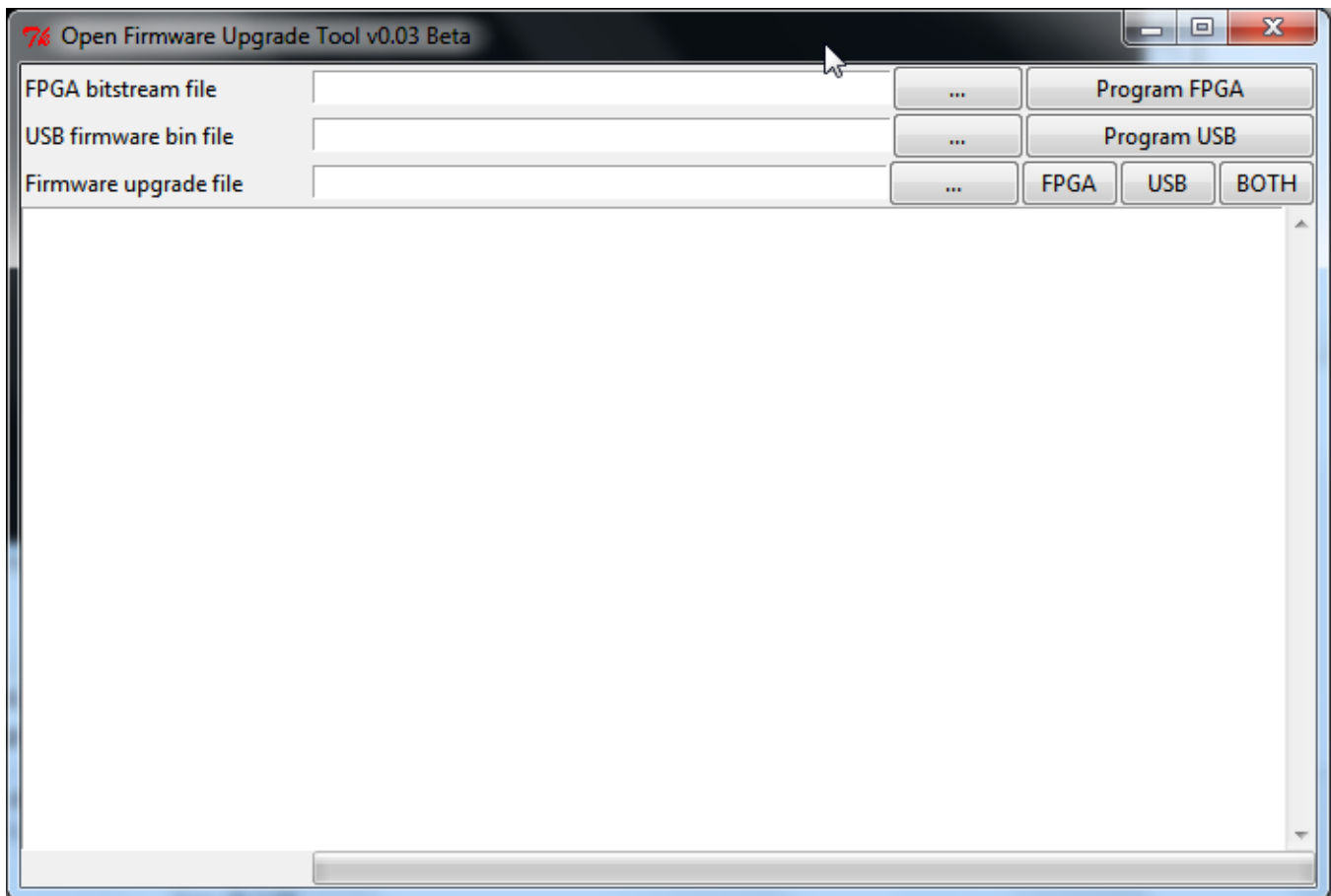
TE USB FX2 module with the USB EEPROM enabled (when TE USB FX2 module is powered on) should be already inserted at this point.

- A) [TE USB FX2 module is seen under Device Driver as a Trenz Electronic Device](#).
- B) [TE USB FX2 module is seen under Device Driver as a DEWESoft Device](#). In this case, you should start a [Recovery boot procedure](#).

Open a USB Firmware Upgrade Tool (double click "ofut.py"). Case A is considered true from now on: TE USB FX2 module is seen under Device Driver as a Trenz Electronic Device.



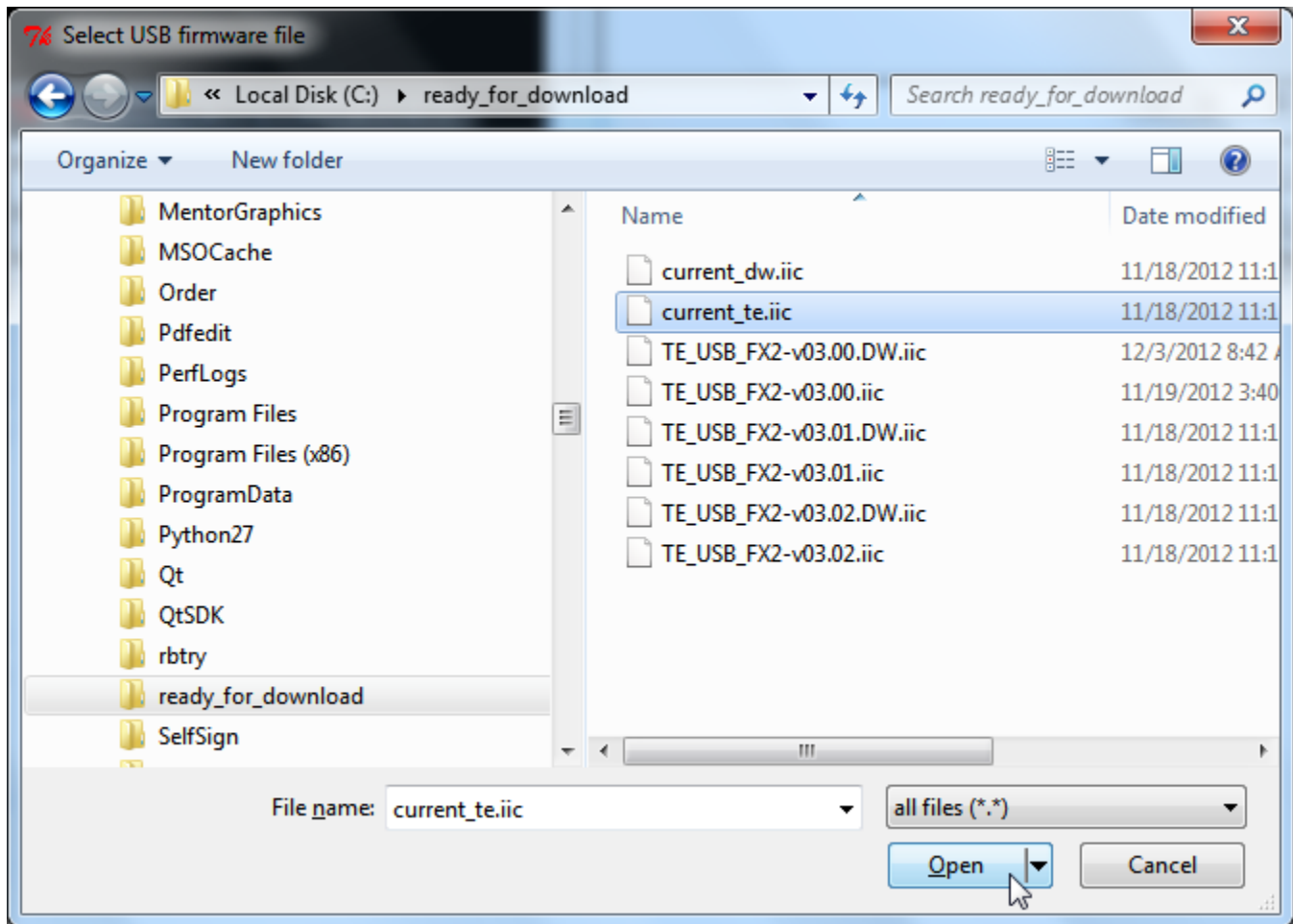
From now on the procedure is the same for Open_FUT (gen 2) and Open_FUT (gen3): the only difference is the file used (current_dw.iic for generation 2 and current_te.iic for generation 3).



Open_FUT starts

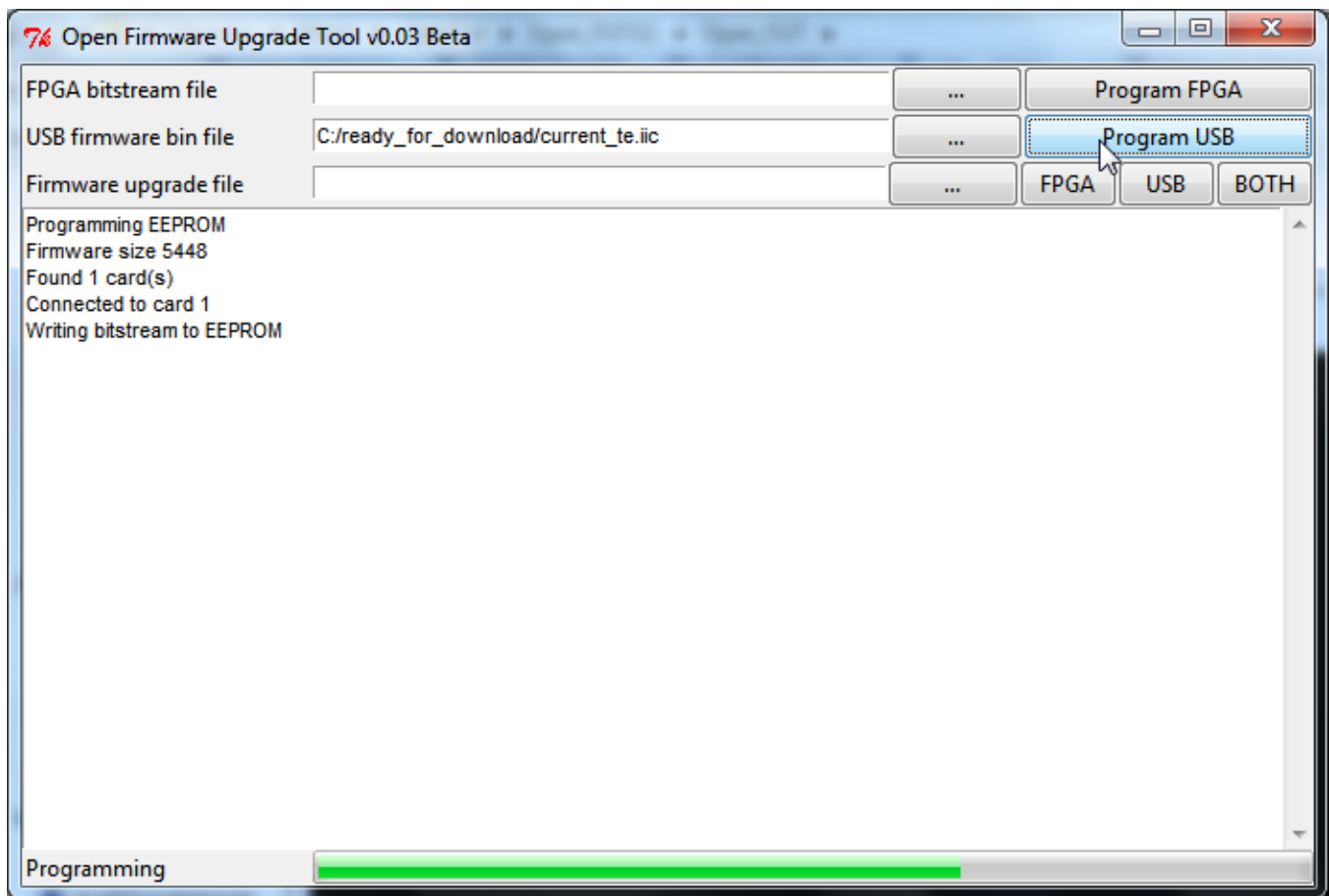
Press the "..." button (it means for "Select *.iic file or enter file path") at left of "Program USB" button corresponding to the firmware file pathname selection

Select a suitable .iic firmware upload file. You can download the firmware availbale at [Trenz Electronic GitHub](#).



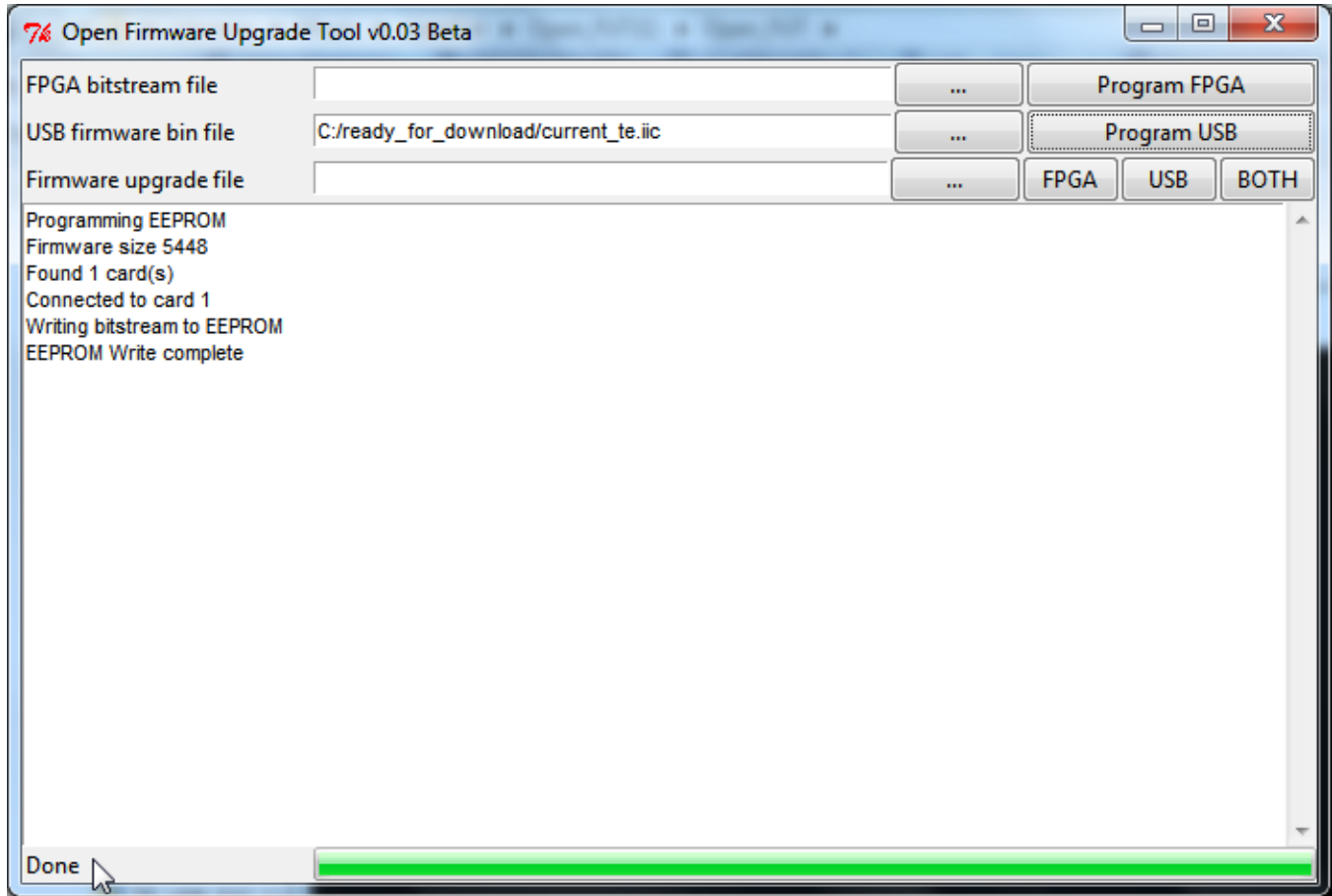
Select *.iic file or enter file path

Press the "Program USB: write IIC EEPROM" button if you want the *.iic file to be written into the large EEPROM of the EZ-USB FX2LP USB FX2 microcontroller.



USB firmware programming

When the progress bar reaches 100%, the following log text message notifies the successful completion of the USB upgrade procedure.



USB firmware programming ended