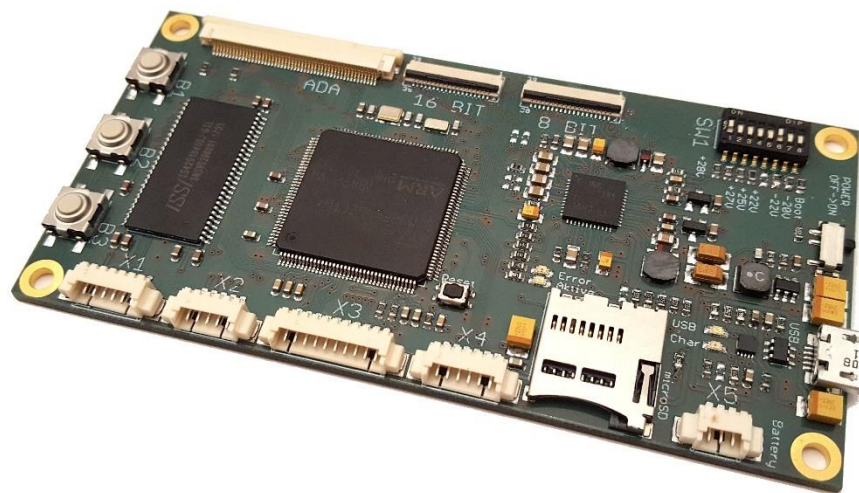


Firmware Update User Guide



EPD Driver Board

Version 1.0, July 2019

About This Manual

This User's Guide describes the update routine for the EPD-Driver board.

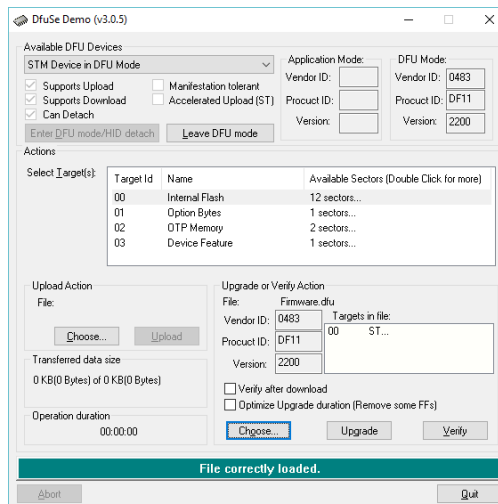
Software

For update the software from ST, called DfuSE Demo, is needed. The newest version of is available on the ST webpage:

<https://www.st.com/en/development-tools/stsw-stm32080.html#quickview-scroll>

Equipment

1. PC with Windows OS and preinstalled DfuSE USB device firmware upgrade (DFU) software.



2. Micro USB cable



Update Routine

Beck GmbH & Co. Elektronik
Bauelemente KG
Eltersdorfer Str. 7
90425 Nürnberg
Germany

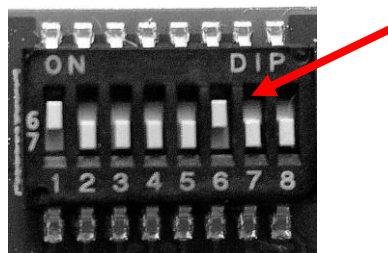
Tel.: +49 – (0)911 – 9 34 08 – 0
Fax: +49 – (0)911 – 9 34 08 – 28
E-Mail: info@beck-elektronik.de
Internet: www.beck-elektronik.de

Preliminary
Product Specification
EPD Driver Board

1. Set the power switch of the board to the position “OFF”.



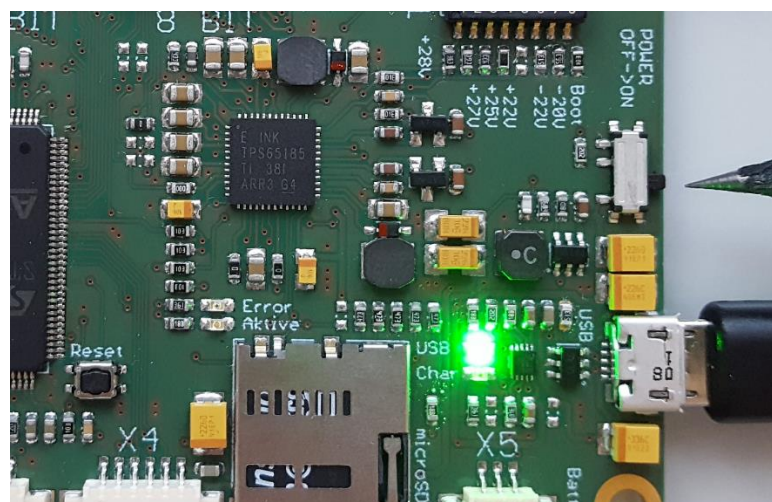
2. Set the SW1 Jumper number 8 „Boot“ in the position “ON”.



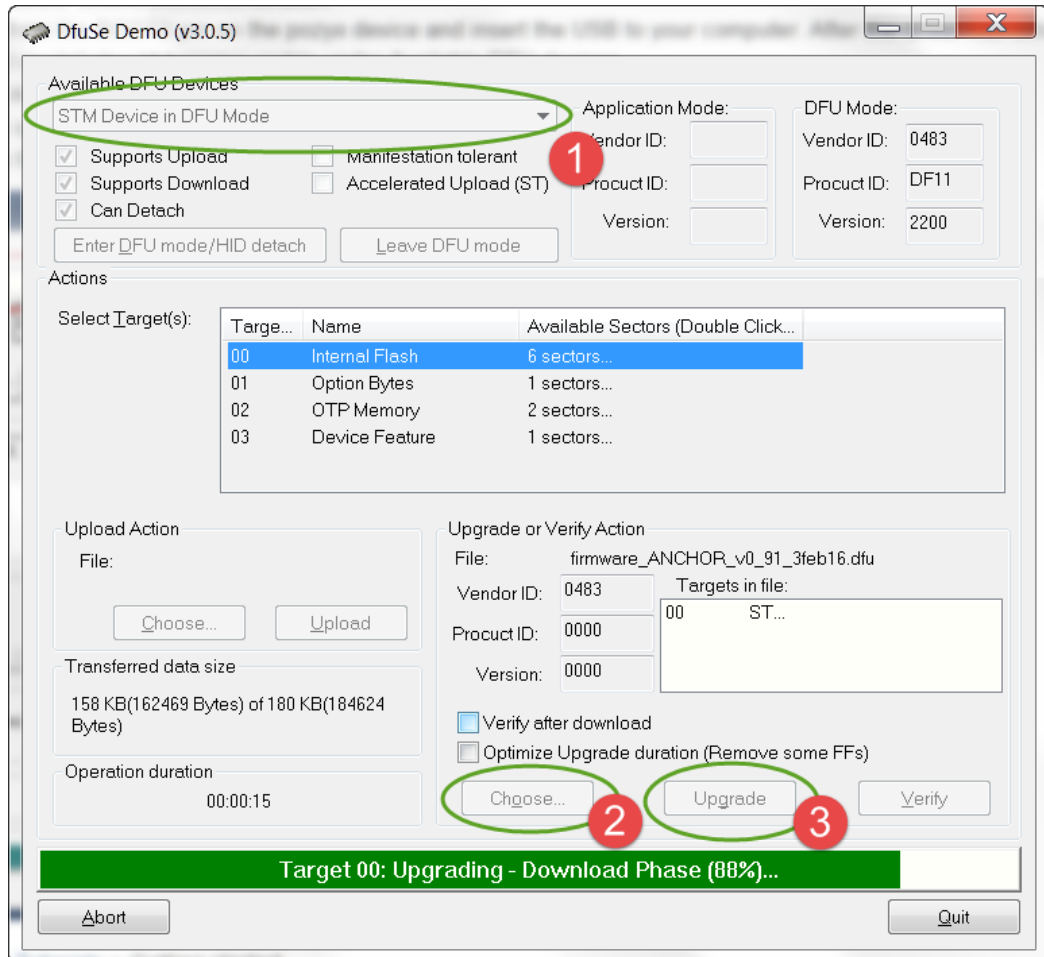
3. Connect USB cable to the PC and to the board.

4. Start the Software DfuSE Demo on your PC.

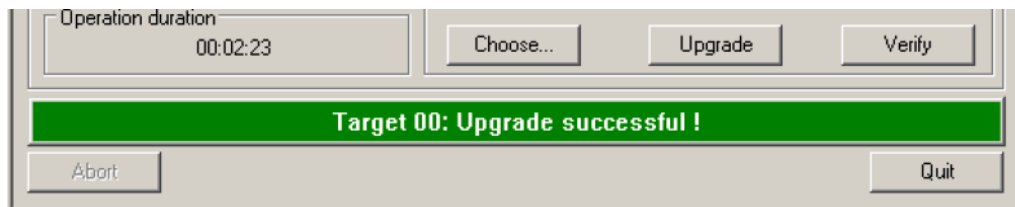
5. Set the power switch of the board to the position “ON”. The device should be recognized automatically.



6. In the SW section “Upgrade” choose the requested dfu-file “Choose...” to flash and click to “Upgrade”.



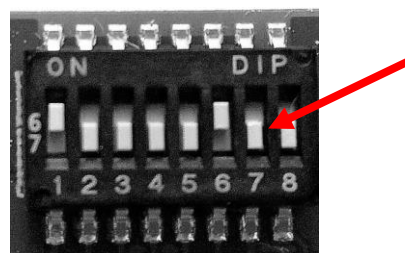
7. Wait till the upgrade will be finished.



8. Set the power switch of the board to the position “OFF”.



9. Set the SW1 Jumper number 8 „Boot“ in the position “OFF”.



10. Update is finished. Disconnect the board from the PC.