

OEM-DESFire Series 13.56 MHz OEM RFID Module Firmware Update Procedure

1 Preparation

1.1 Tools

- Update software tool "FirmwareUpdate.exe"*
- New firmware "readerboot.bin"**

* Filename may change, but it's the only *.exe type file in the update package

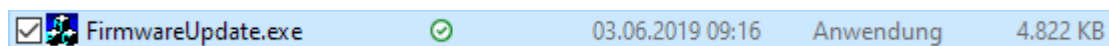
** Filename may change, but it's the only *.bin type file in the update package

1.2 Preparation

Ensure that the RFID device to be updated operates with a Baud rate of 115200 bps.
Connect the RFID device to your PC. Check the connection with the test/demo software.

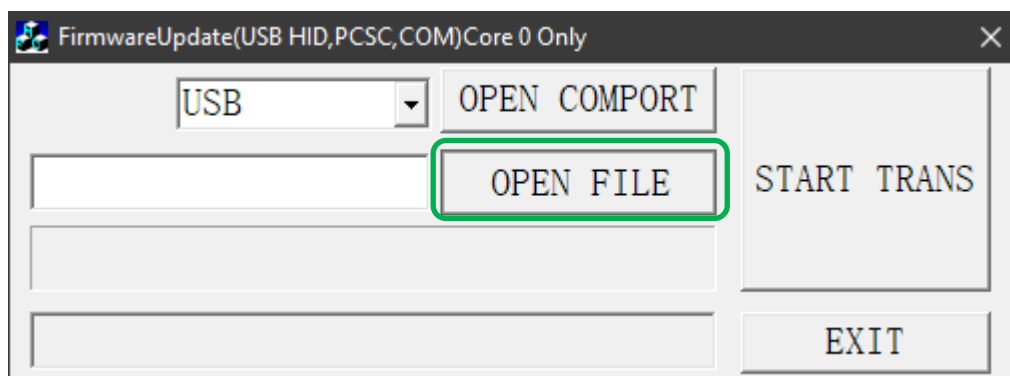
2 Update Procedure

2.1 Start Update Software Tool

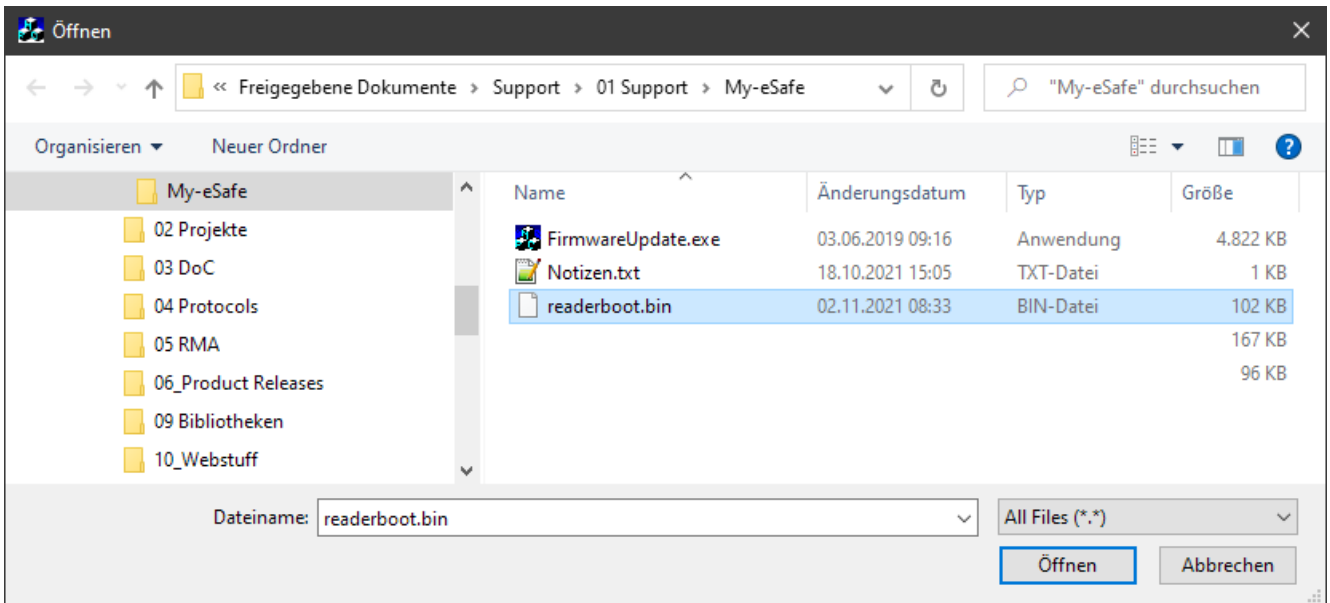


2.2 Load New Firmware File

Click on [OPEN FILE]

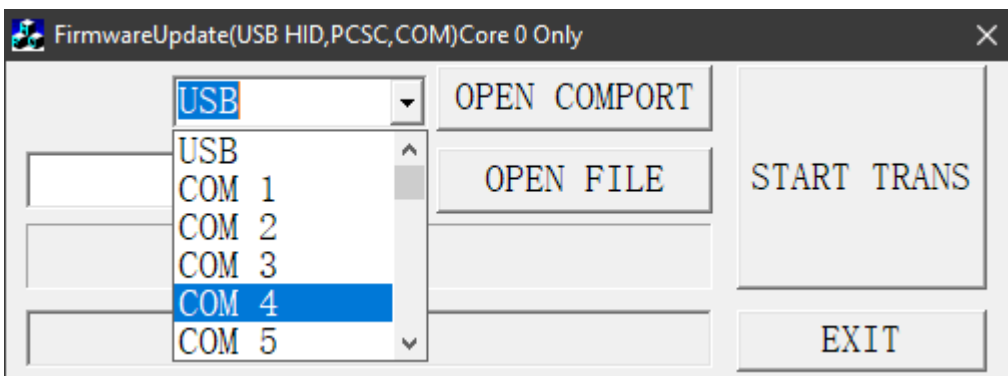


Select file “readerboot.bin”

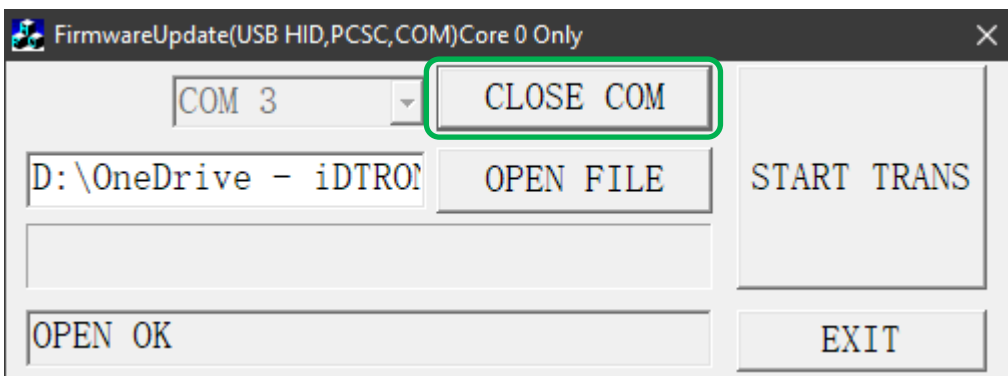


2.3 Establish Connection

Select Connection (COM-Port or USB HID)

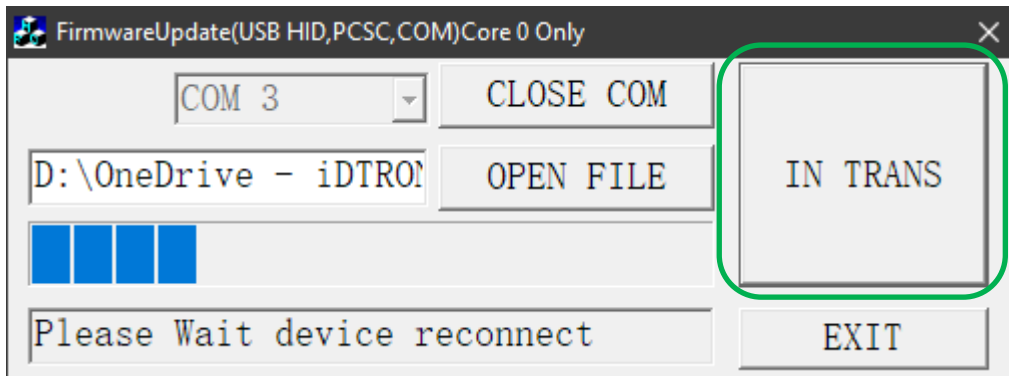


Open Connection with Click on [OPEN COMPORT]



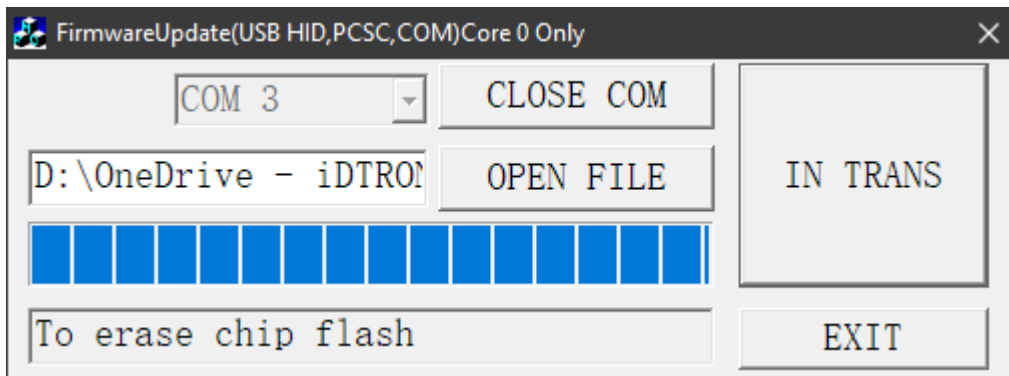
The text in the clicked button changes to [CLOSE COMPORT].

2.4 Start Update with Click on [START TRANS]

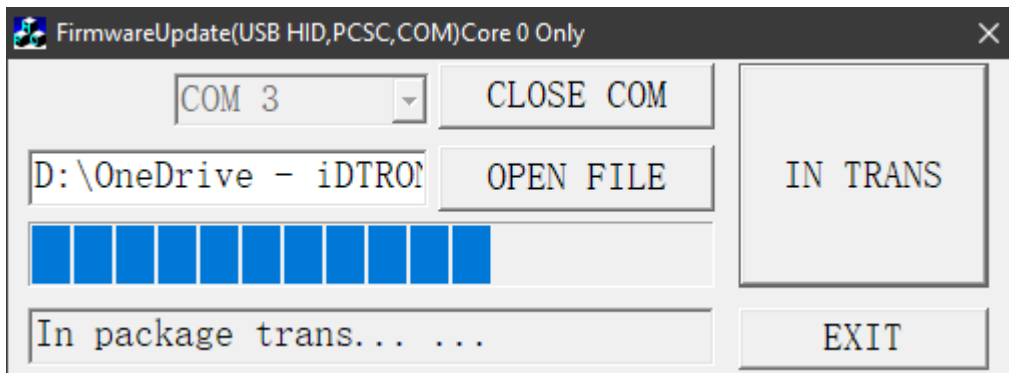


The text in the clicked button changes to [IN TRANS].

2.5 Flash Memory gets Erased

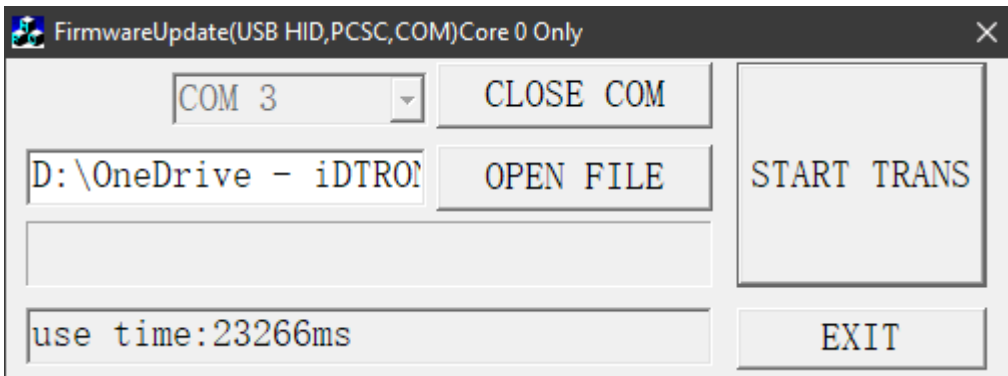


2.6 New Firmware is being Flashed



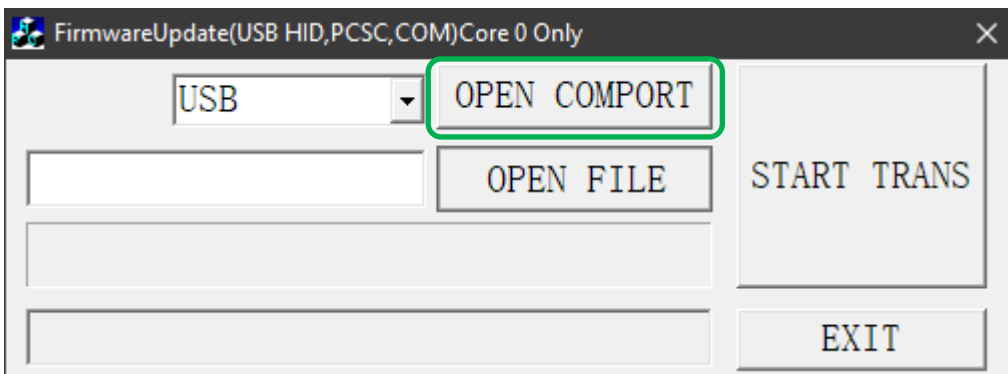
Wait for the Procedure to finish.

2.7 Finish Notice



3 Follow-Up

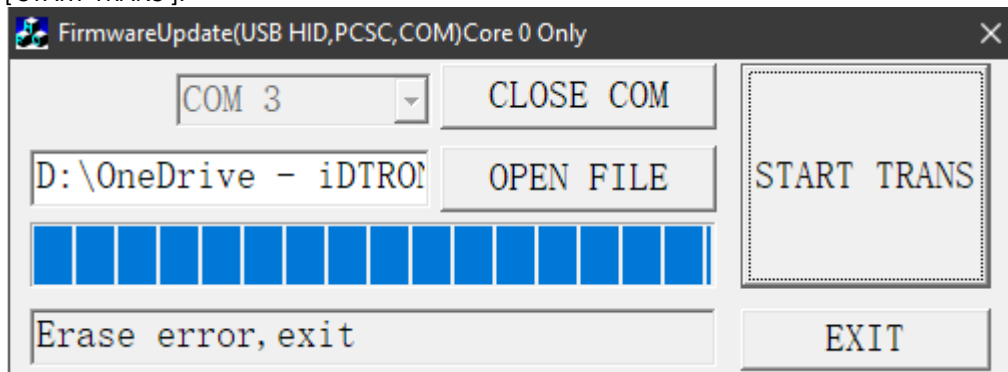
Please Close The Connection After Update



The text in the clicked button changes to [OPEN COMPORT].

4 Troubleshooting

In the rare case, that you get this error message after the erase of the flash memory, please continue and click again on [START TRANS].



In most cases the process will go on and finish the update procedure.