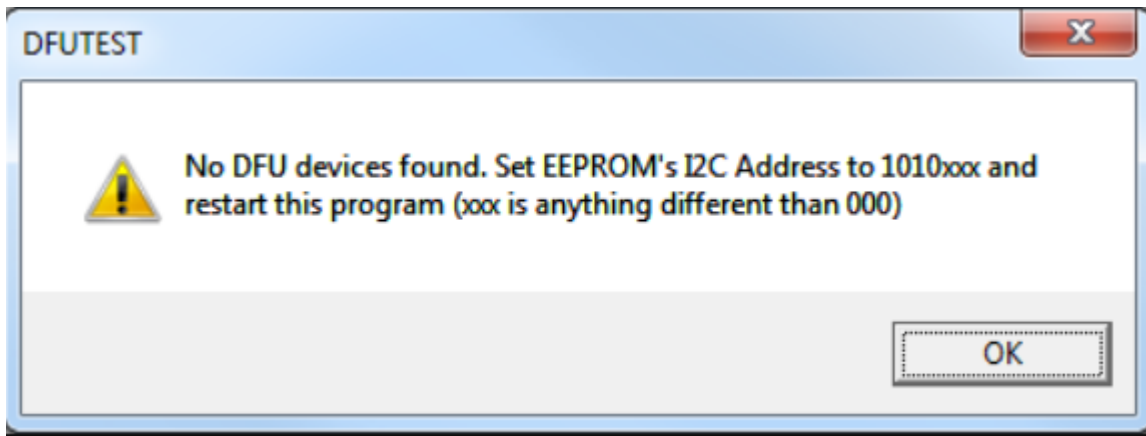
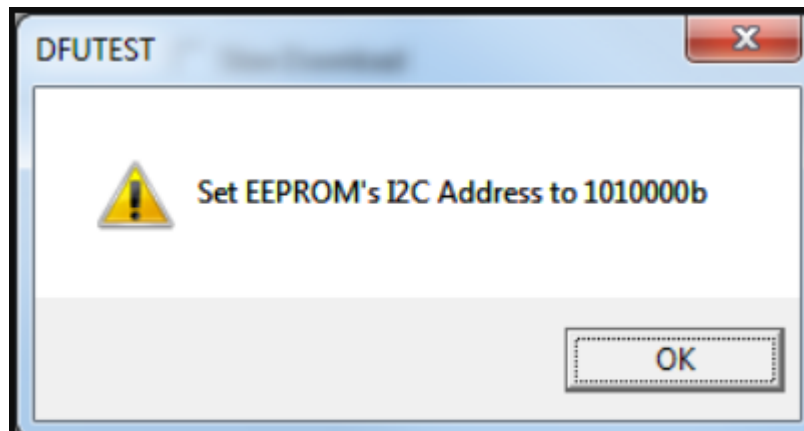


1. **Remove** the USB cable from the board.
2. **Short** SDA and SCL by connecting pins 1 and 3 of J6 on the USBMOD EVM
3. **Connect** the EVM board to the USB socket.
4. After 5 seconds, **remove the short**.
5. Run **DFUTEST.exe**. This is found inside the USBfirmware files. If the message below appears, repeat steps 2-6.



6. Click the **Program EVM** button. **Browse** for the **DFUEE.bin** file located in the "USBfirmware_V0304_Portable\USBfirmware_v0304_Portable\image\" directory. Click **Open**.
7. The following message will appear. Click **OK**.



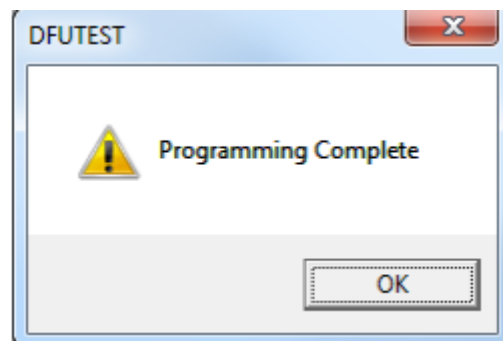
8. A "**Download completed**" message will appear. Click **OK**.

9. A "**Device was successfully reset. Please...**" message will appear. Wait **2-3 seconds** before clicking OK. If a "Found new hardware wizard appears, install the DFU driver as explained in Step 6.

10. A "**Detach call succeeded. Please...**" message will appear. Wait **2-3 seconds** before clicking OK. If a "Found new hardware wizard appears, install the DFU driver as explained in Step 6.

11. **Browse** for the desired firmware **image file** (e.g. USB-xxxx_441KHZ.bin) located in the "image\" directory. Click **Open**.

12. Click **OK** for the next two windows. The last window will look like the one below.



13. Click **OK** and **close** the DFUTEST program.

14. Run "**remove-miniEVM.exe**" as administrator (right click option). This is found inside the USBfirmware files obtained above.

15. Remove and **re-connect** the USB cable.

16. The EVM is now ready for use.