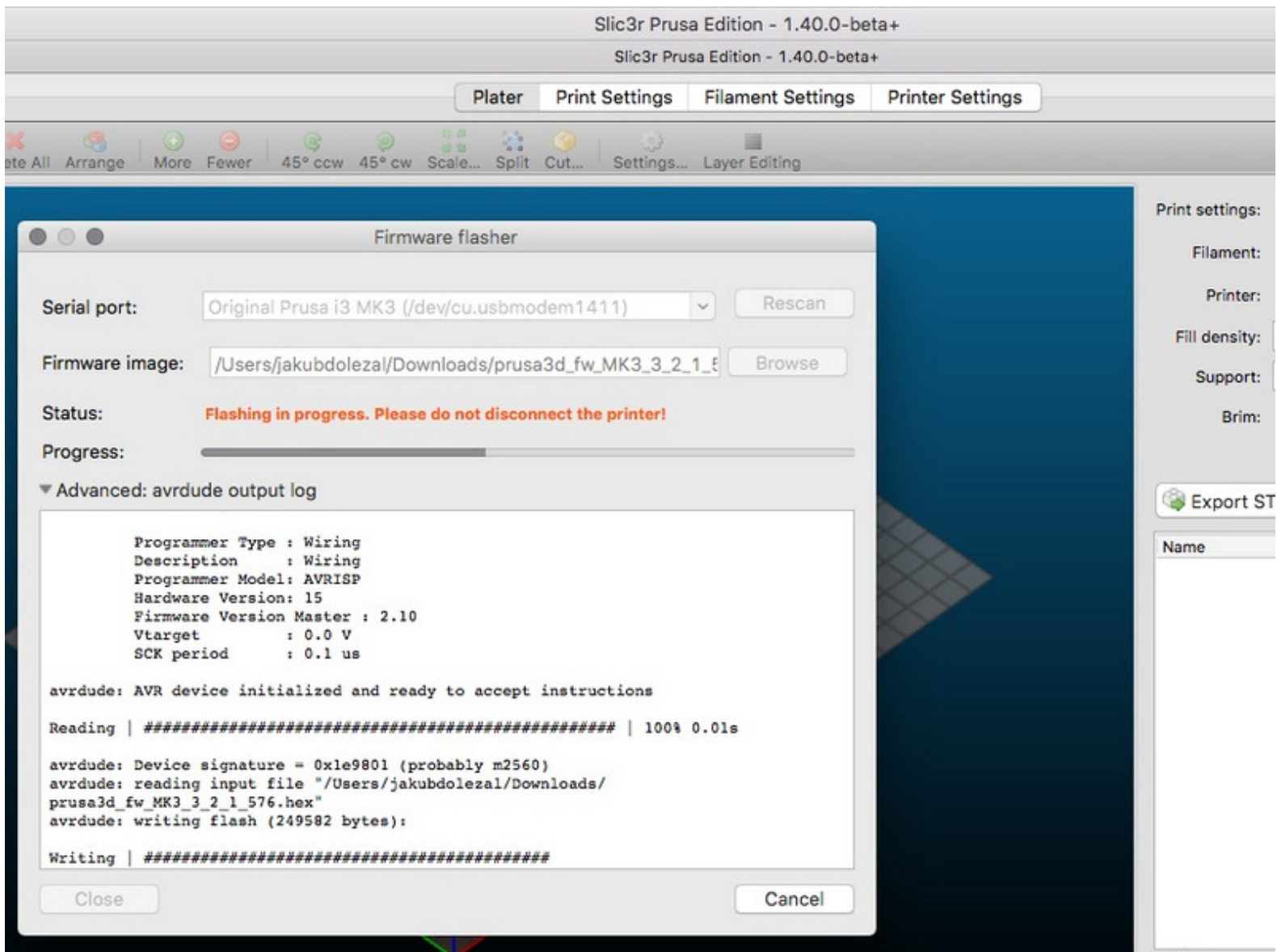# Upgrading the firmware
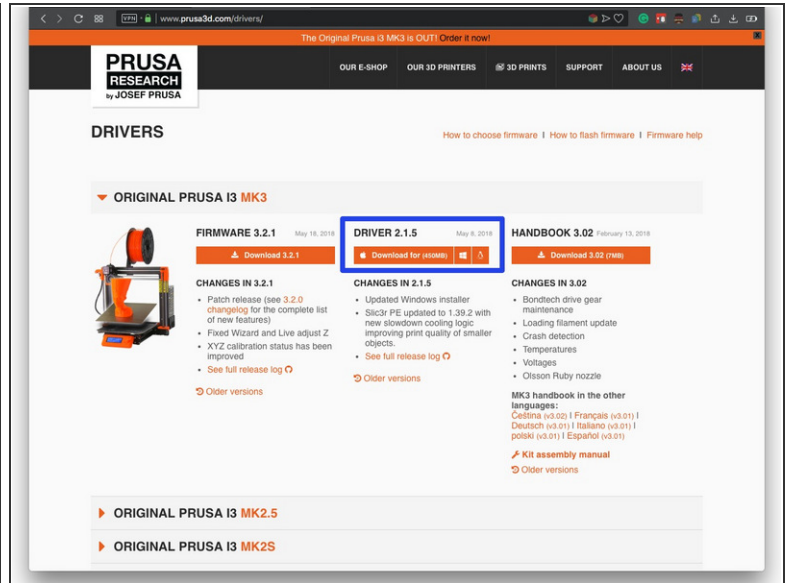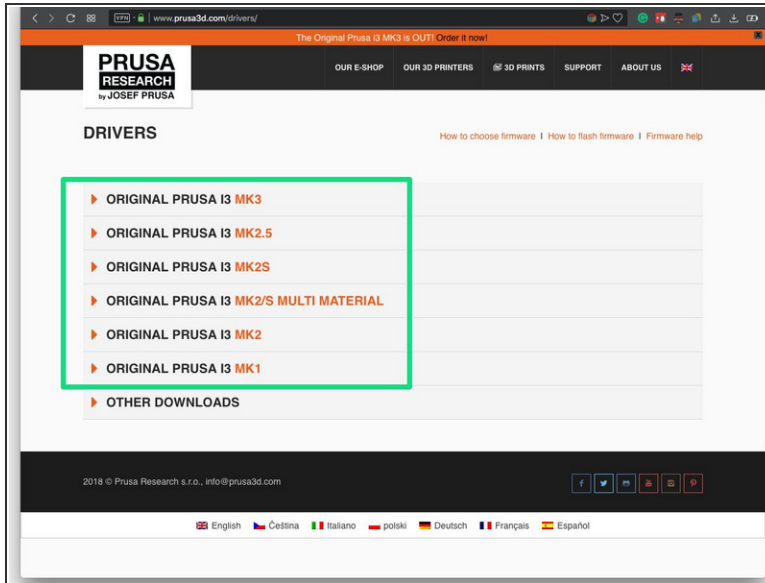
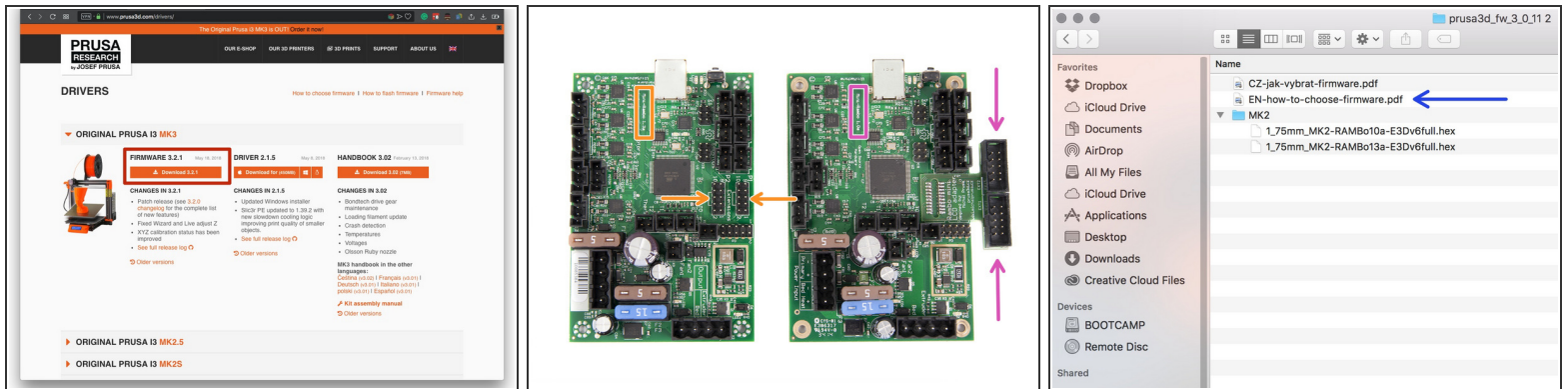In this guide, we will upgrade the firmware of your Original Prusa i3 printer.

Step 1 — Download the necessary software

⚠️ **Firmware updater is now part of the Slic3r PE**, starting version **1.40.1**. In case you have it already installed, you can skip to the next step.

● Go to http://www.prusa3d.com/drivers/ and select your printer.

● Find the driver section and download the latest package. Leave this page opened for the next step!

● Install drivers on your Windows, macOS or Linux system.

ⓘ Part of the driver's package is Slic3r PE, which includes a tool for firmware upgrade.
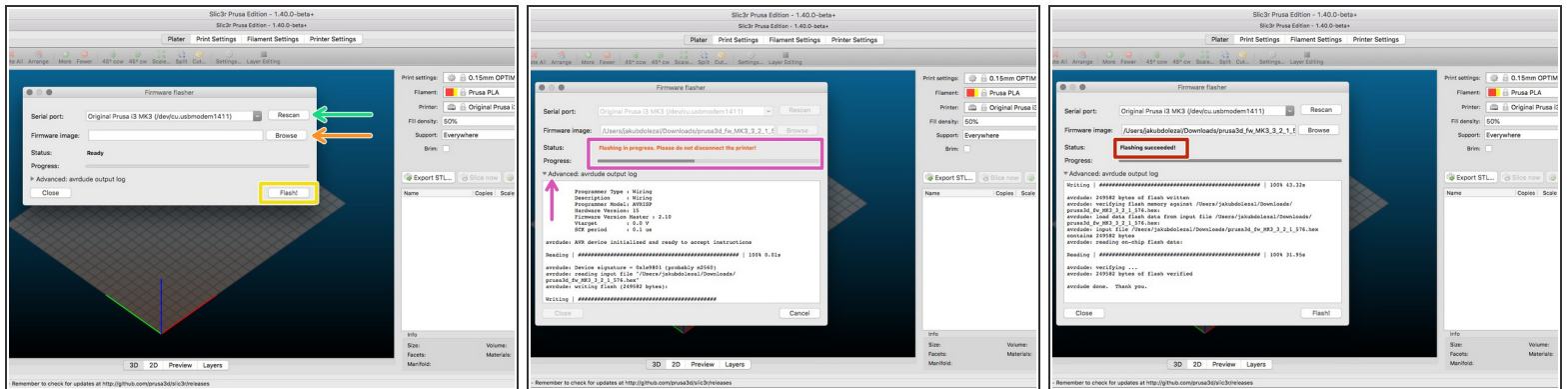
Step 2 — Download the new firmware

- ● Go back to http://www.prusa3d.com/drivers/ to get the firmware for your printer.

- ● Download the zip file with the firmware to your computer and unzip it.

- ⚠ **For the Mini RAMBo** used in MK2/MK2S/MK2S MMU/MK2.5 you have to choose the firmware based on the version of the board you have. Inside the package there will be two files with either RAMBo 13a or RAMBo 10a in the name.

  - ● **RAMBo 13a** - used in the majority of the MK2 and all MK2S printers (most common). **LCD connectors are part of the board.**

  - ● **RAMBo 10a** - used in the MK1 and some early batches of MK2 (very rare). **LCD connectors are outside the board.**

  - ● More info about the boards used in **MK2 a MK2S** can be found in this PDF file *(also enclosed in the firmware package).*

  - ● More info about the boards used in **MK2.5** can be found in this PDF file *(also enclosed in the firmware package).*

- ⓘ For the MK3 there is only one version, no need to choose.

Step 3 — Updating firmware using Slic3r PE

- Open Slic3r PE and from the menu select **Configuration ->Flash Printer Firmware**

- Connect the printer to your computer using the bundled USB cable and select it from the menu. Hit **Rescan** if the printer is not on the list

- Select the firmware file on your harddrive (*.hex). Do not place the firmware on a network share.

- Hit the **Flash** button.

- Wait until the process is completed. You can click on "Advanced: ..." to see the flashing process including detailed log.

- When the flashing process is done, you will be informed.

- **We're done here!** Your printer is ready to rock ;)

- (i) In case of issues with flashing the firmware please visit our <u>troubleshooting article</u>.