mikroBootloader
for XMEGA-Ready and mikroXMEGA boards

User's Guide

This is a short manual that describes the operation of *mikroBootloader application*. You will find that *five simple steps* are all it takes to successfully load your new program into the MCU.

You should know this before you start

1 mikroBootloader may be used with *XMEGA-Ready* and *mikroXMEGA* boards only. Bootloader is specially adjusted for *ATxmega128A1* chip.

2 In order to enable the proper operation of the on-board FTDI chip it is necessary to *install the appropriate driver* for the operating system you use. Drivers may be downloaded at:

http://www.ftdichip.com/Drivers/VCP.htm

1. Setup port
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Click on the *Change Settings* button and select the appropriate COM port in the Setup window. Other parameters are set by default and should not be changed. Click OK to proceed.

2. Connect with MCU
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Reset the board and click on the *Connect* button within 5s. The chip automatically enters the Bootloader mode and is ready for further instructions.
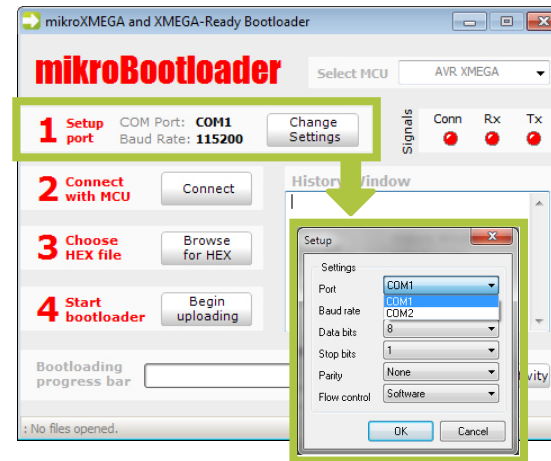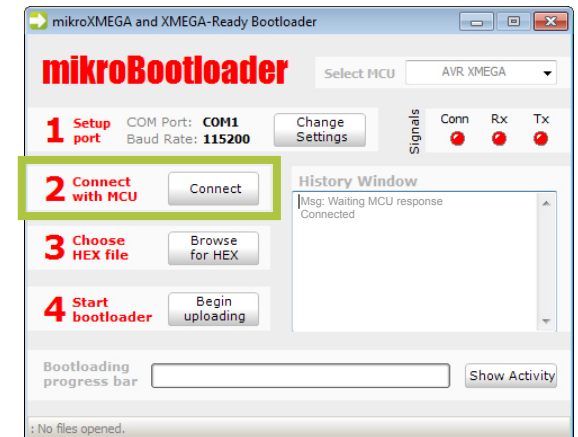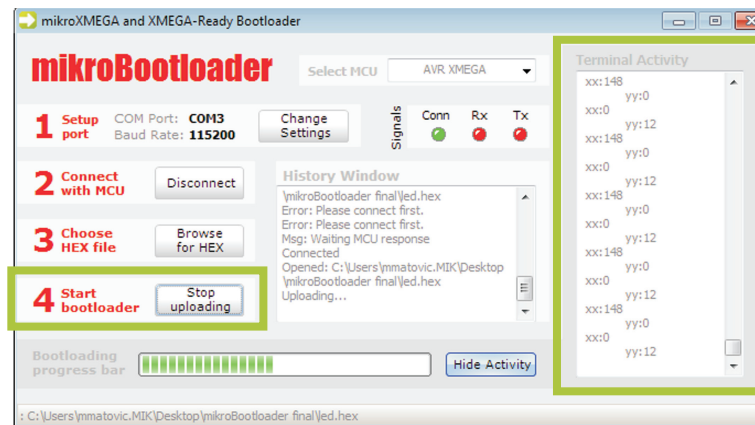
3. Choose HEX file
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Load the program you want to upload into the chip by clicking on the *Browse for HEX* button or simply *drag and drop* your HEX on to mikroBootloader window. You'll be notified in the *History Window* that the file is opened.

4. Start Bootloader
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Start bootloader by clicking on the *Begin uploading* button. The whole process is performed in two phases. Click on the *Show Activity* button to view the operation of the bootloader.

5. Reset chip
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When the uploading process has been completed, *reset the chip* to start your new program.

for more information visit http://www.mikroe.com

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