



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:

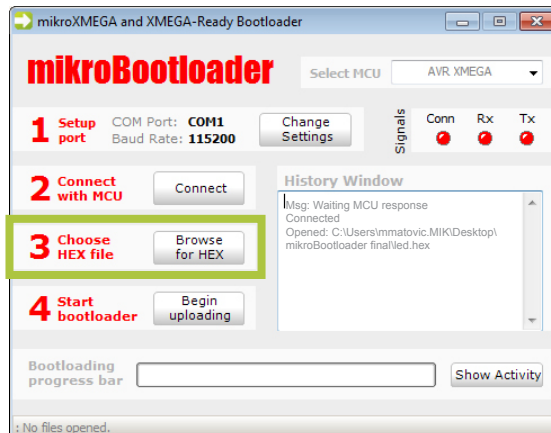
<http://www.ftdichip.com/Drivers/VCP.htm>



3. Choose HEX file

mikroBootloader manual

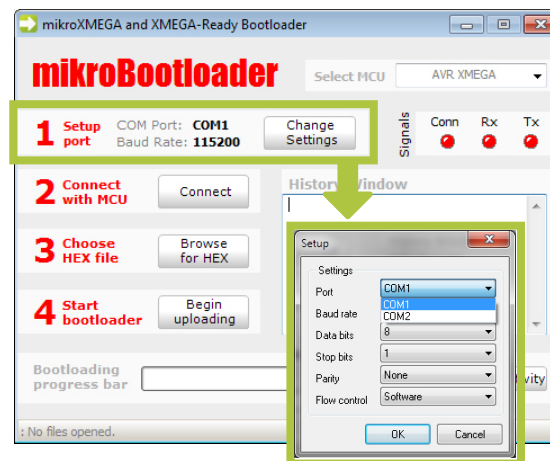
Load the program you want to upload into the chip by clicking on the **Browse for HEX** button or simply **drag and drop** your HEX on to mikroBootloader window. You'll be notified in the **History Window** that the file is opened.



1. Setup port

mikroBootloader manual

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.

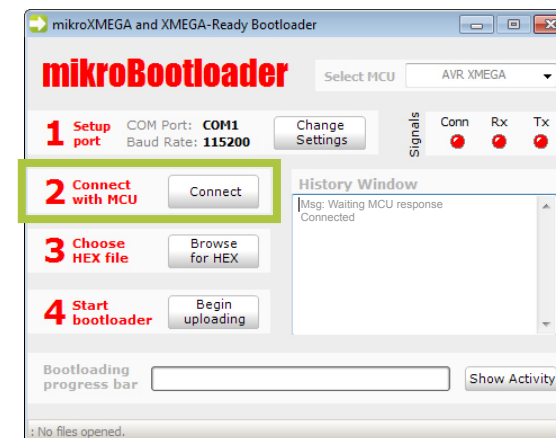


2. Connect with MCU

mikroBootloader manual

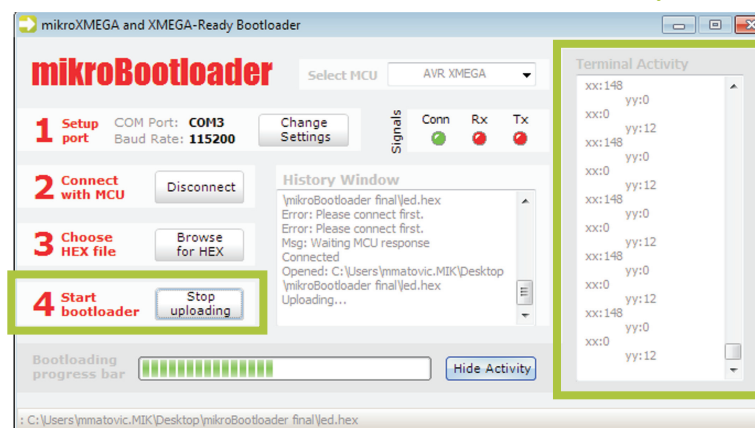


Reset the board and click on the **Connect** button within 5s. The chip automatically enters the Bootloader mode and is ready for further instructions.



4. Start Bootloader

mikroBootloader manual



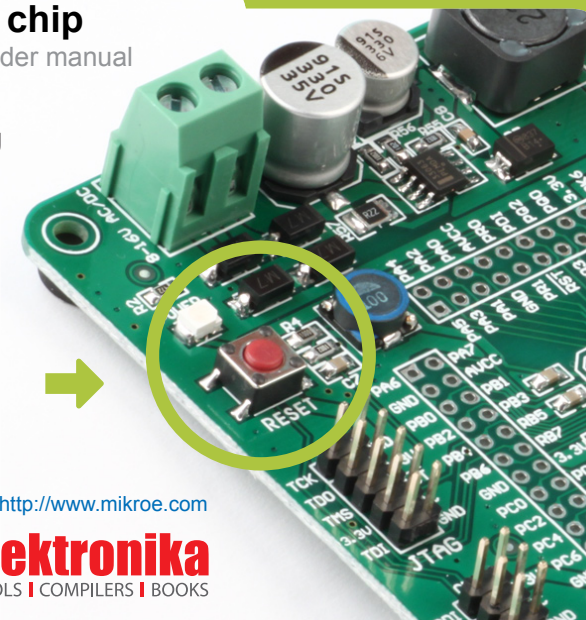
Start bootloader by clicking on the **Begin uploading** button. The whole process is performed in two phases. Click on the **Show Activity** button to view the operation of the bootloader.



5. Reset chip

mikroBootloader manual

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



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

MikroElektronika
DEVELOPMENT TOOLS | COMPILERS | BOOKS

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Mikroe:

[MIKROE-580](#)