

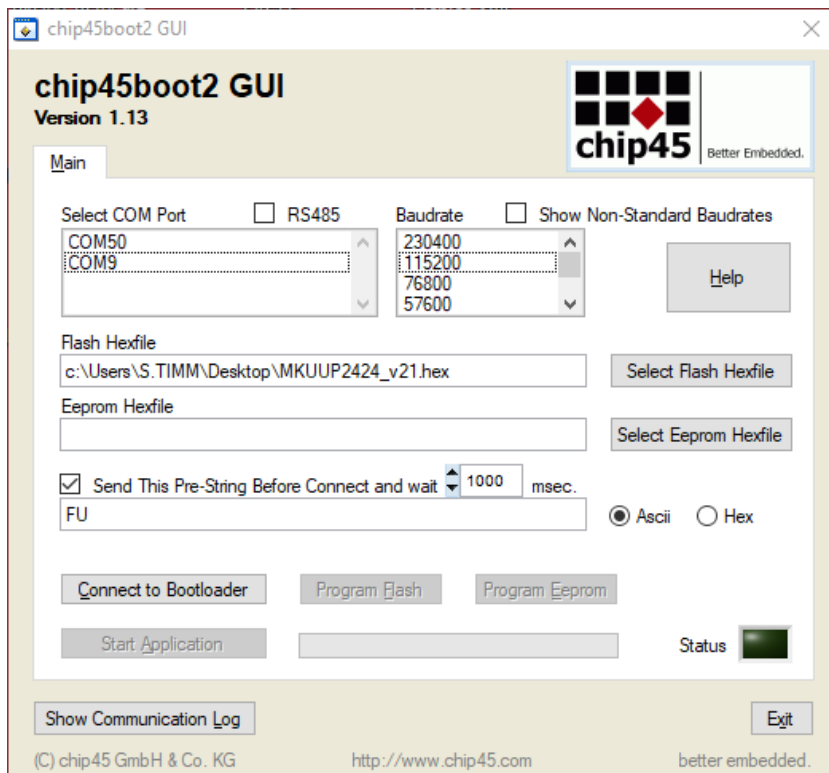
MKU UP 2424 B



Firmware-Update

Bootloader Settings

- Install the BOOTLOADER GUI on your PC
- Connect the MKU UP 2424 B with your PC and check the COM port number of the adapter.
- Start the BOOTLOADER GUI and make the settings (see picture). Select the COM port number of your adapter. Select Flash Hexfile.
- Apply supply voltage to the MKU UP 2424 B.
- Enable „Send this Pre-String“ and write the command FU in the blank field
- Press „Connect to Bootloader“



Update Procedure

- If the BOOTLOADER GUI detects the MKU UP 2424 B correctly, the BOOTLOADER GUI looks like below.
- Press „Program Flash“ and wait until the update is finished.
- Press „Start Application“
- The firmware update is finished.
- Disconnect the supply voltage and press „Exit“.

The screenshot shows the 'chip45boot2 GUI' window. At the top left, it says 'chip45boot2 GUI Version 1.13'. On the top right is the 'chip45' logo with the tagline 'Better Embedded.'. Below the title bar is a 'Main' tab. The interface includes several input fields and buttons:

- Select COM Port:** A dropdown menu showing 'COM50' and 'COM9'.
- RS485:** An unchecked checkbox.
- Baudrate:** A dropdown menu showing '230400', '115200', '76800', and '57600'.
- Show Non-Standard Baudrates:** An unchecked checkbox.
- Flash Hexfile:** A text field containing 'c:\Users\S.TIMM\Desktop\MKUUP2424_v21.hex' and a 'Select Flash Hexfile' button.
- Eeprom Hexfile:** An empty text field and a 'Select Eeprom Hexfile' button.
- Send This Pre-String Before Connect and wait:** A checked checkbox, a spinner box set to '1000', and the unit 'msec.'.
- Pre-string:** A text field containing 'FU'.
- Encoding:** Radio buttons for 'Ascii' (selected) and 'Hex'.
- Buttons:** 'Disconnect Bootloader', 'Program Flash', 'Program Eeprom', 'Start Application', and 'Exit'.
- Status:** A 'Connected!' label next to a green indicator light.
- Footer:** 'Show Communication Log' button, '(C) chip45 GmbH & Co. KG', 'http://www.chip45.com', and 'better embedded.'.

