

Software for Setting the EEPROM-ID for CU30

1. Connection to computer

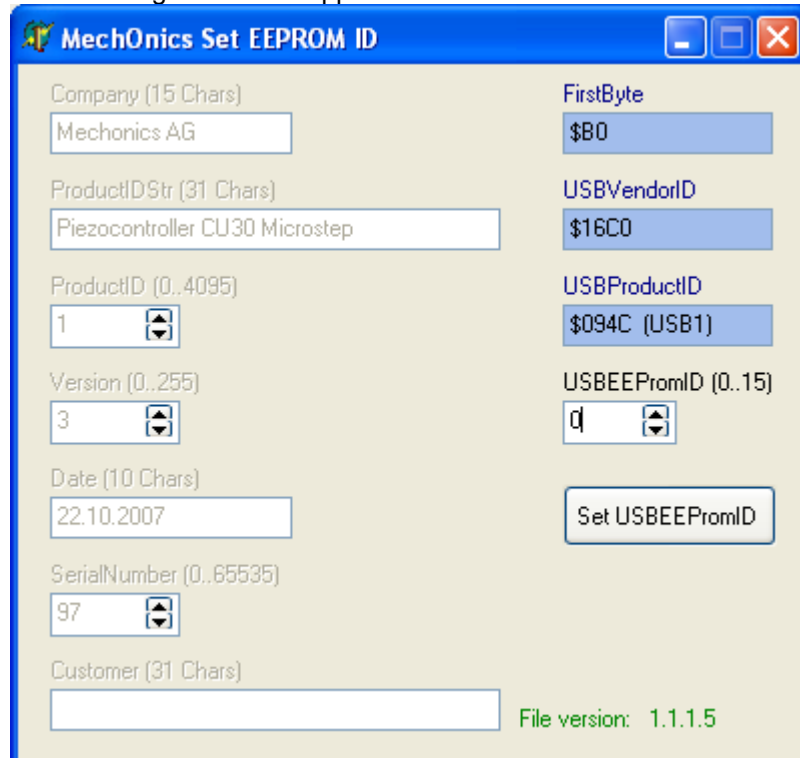
Please connect the CU30 to the computer via USB-connection cable.

2. Start of the software for setting the EEPROM-Id

Please copy the file "MechOnics_Set_USB_EEPROM_ID.zip" to your computer and unpack it.

Then start the program "MechOnics_Set_USB_EEPROM_ID.exe" by double clicking on the file.

The following screen will appear:



The screenshot shows a Windows-style application window titled "MechOnics Set EEPROM ID". The window has a blue title bar with standard minimize, maximize, and close buttons. The main area is light beige and contains several input fields and a button. On the left side, there are fields for "Company (15 Chars)" with "Mechonics AG", "ProductIDStr (31 Chars)" with "Piezocontroller CU30 Microstep", "ProductID (0..4095)" with a spinner set to "1", "Version (0..255)" with a spinner set to "3", "Date (10 Chars)" with "22.10.2007", "SerialNumber (0..65535)" with a spinner set to "97", and an empty "Customer (31 Chars)" field. On the right side, there are three read-only fields: "FirstByte" showing "\$B0", "USBVendorID" showing "\$16C0", and "USBProductID" showing "\$094C (USB1)". Below these is a "USBEEPromID (0..15)" spinner set to "0". A "Set USBEEPromID" button is located below the spinner. At the bottom right, the text "File version: 1.1.1.5" is displayed in green.

Now you can choose the USBEEPromID from 0 to 15 by writing the wanted number in the corresponding field. This means that you can chose 16 different EEPROMID's for controlling up to 16 controllers at one USB-interface.

By clicking the button "Set USBEEPromID" the change in USBEEPromID will be saved.

3. How can the "CU30-0.exe" be changed to work with a changed EEPROMID?

To change the EEPROMID in the program "CU30-0.exe" you have only to rename the program "CU30-x.exe" where x will be the chosen new EEPROMID.

For example:

You have changed the EEPROMID of one CU30 controller to the EEPROMID no. 5 you have only to rename the program "CU30-0.exe" to "CU30-5.exe" to communicate with the controller.

Attention:

Before starting the program "CU30-x.exe" you have to disconnect the controller from the computer for a short time and to connect it again. Now you can start the program "CU30-x.exe" or the program "CU30App.exe".