

## µC/FL™

### DESCRIPTION

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Today's embedded applications use in-circuit reprogrammable memory chips enabling flexibility after hardware is assembled, or even after shipment in the case of firmware revision or a new-feature upload. µC/FL is designed to program updates via serial interface from a PC.

µC/FlashLoader is a 32-bit Windows application that can be started from Windows Explorer or from a command line. Easy to use, any supported file types can be loaded and transferred to the bootloader to update the embedded target.

#### µC/FL consists of:

- µC/FlashLoader, a Windows application
- Target resident code (bootloader or BTLO), provided in C source code form
- An embedded application with a FLASH-type memory for program storage

### UPDATER

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Updater is an optional add-on for µC/FL. Designed to provide easy firmware update without the use of µC/FL, it is shipped as source code.

Updater enables the user to set up the PC COM port. Once in contact with the target, a notification message is provided in the application window. Users press start to update and the tool clears the flash, programs the new file into the flash, makes a CRC check, and makes the target application valid.

### FEATURES

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- Portable to any CPU and FLASH
- Interfaces via an RS-232C serial port
- Configurable
- Optional password
- 100% safe and fast: CRC-check implemented.
- Easy to use

### FILE TYPES AND CONVERSIONS

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- Intel HEX (\*.HEX)
- Motorola S (\*.MOT, S7, S8 and S9)
- µC/FlashLoader analyses loads and displays file contents. Files can be relocated and converted.