

Spoločnosť mikroElektronika vydala nové verzie prekladačov pre PIC mikrokontroléry:

mikroC PRO for PIC compiler (v3.80)

mikroBasic PRO for PIC compiler (v3.80)

mikroPascal PRO for PIC compiler (v3.80)

Obsahujú mnohé vylepšenia a bola pridaná podpora pre MCU: PIC12F617, PIC18F13K22, PIC18LF13K22, PIC18F14K22 a PIC18LF14K22.

Doplnené boli aj knižnice napríklad o knižnicu pre snímanie touch panela a USB

Release Changes overview in v3.80

- Additional chips supported: PIC12F617, PIC18F13K22, PIC18LF13K22, PIC18F14K22, PIC18LF14K22, PIC18F45K22, PIC18LF45K22
- Support for GIF images in Project Manger and Active Comments
- Support for Package Manager
- Active Comments editor
- Highlighting routine under cursor in Code Explorer
- Export Project feature, useful for backing up a project and all relevant files with one mouse click
- mikroICD support for K series of PICs
- Library manager loads MCLs faster
- More user options for control of optimizations
- Tools moved to panels. Now they are dockable and they receive the Color Style from IDE
- Additional options included, users wishes fulfilled, minor bugs fixed
- Code Assistant (CTRL+SPACE) loads faster
- Faster simulation of Delay_ms and Delay_us functions
- Code Explorer works faster for code over 5000 lines
- Toggle breakpoints while ICD is running takes no effect
- New Project Wizard adds the main file at the end of files list
- Active Comments in Examples for Development Systems and Extra Boards
- Select All does not take effect
- HID Terminal, missing implementation/implements keyword [mP, mB]
- HID Terminal, "Bus powered" option takes no effect
- Open Project Group can build project before project is completely open
- Introduced iv keyword for linking function as interrupt handler
- Rebuild all sources in project (switch -RA)
- More user options for control of optimizations
- Enhanced warning system

- Faster generation of COFF file
- Function goto table for functions above 64kBytes is not generated when function pointers are not used. Very useful for hi-end bootloaders.
- Touch Panel library
- Additional functions in ADC Library: ADC_Init and ADC_Get_Sample
- UART Library for PIC16F690, UART_read() does not read RCREG
- Ethernet Library - subnet broadcast flag added. userTCP and useUDP routines prototype is changed. Refer to help and distributed ethernet examples for details.
- USB Library
- Close Project Group - always ask for Save (for mikroBasic)
- Support for anonymous unions and anonymous structures (only mikroC)

Cena

mikroC PRO for PIC 249,- USD

mikroBasic PRO for PIC 199,- USD

mikroPascal PRO for PIC 199,- USD

Odkazy

- mikroC PRO for PIC

[mikroC PRO for PIC Homepage](#)

[mikroC PRO for PIC User Manual \(5.01MB\)](#)

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- mikroBasic PRO for PIC

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