MicroCode Studio

MicroCode Studio is a powerful, visual Integrated Development Environment (IDE) with In Circuit Debugging (ICD) capability designed specifically for ME Labs PICBASIC™ and PICBASIC PRO™ compiler.

If you have PBP Version 3.0 or higher you already have the IDE

The main editor provides full syntax highlighting of your code with context sensitive keyword help and syntax hints. The code explorer allows you to automatically jump to include files, defines, constants, variables, aliases and modifiers, symbols and labels, that are contained within your source code. Full cut, copy, paste and undo is provided, together with search and replace features.
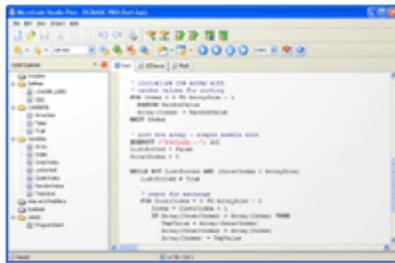
[large screenshots](#)

- Full syntax highlighting of your source code
- Quickly jump to include files, symbols, defines, variables and labels using the code explorer window
- Identify and correct compilation and assembler errors
- View serial output from your microcontroller
- Keyword based context sensitive help
- Support for MPASM

It's easy to set up your compiler, assembler and programmer options or you can let MicroCode Studio do it for you with its built in autosearch feature. Compilation and assembler errors can easily be identified and corrected using the error results window. Just click on a compilation error and MicroCode Studio will automatically take you to the error line. MicroCode Studio even comes with a serial communications window, allowing you to debug and view serial output from your microcontroller.