

# PICC<sup>18</sup>™ PRO

with OMNISCIENT CODE GENERATION™

## PICC-18™ PRO - [EDN Hot 100 Products of 2007](#)

PICC-18 PRO v9.61 ANSI C COMPILER\*, based on the reliable PICC-18 STD compiler, comes with:

### [Omniscient Code Generation™](#)

Extracts information from multiple source files at the one time, allowing more intelligent state-of-the-art code generation that:

- Automatically handles memory banking without requiring special qualifiers;
- Optimizes the size of each pointer variable in your code based on its usage;
- Eliminates the need for many non-standard C qualifiers and compiler options;
- Produces more optimal interrupt context switching code; and
- Customizes the functionality of the included printf library function.

This all means you can spend less time worrying about device memory requirements and compiler-specific semantics and more time focusing on your goals.

\* Can run on multiple platforms including Windows (does not include Vista), Linux and Mac OS X.

You can read the Omniscient Code Generation [whitepaper here](#).

### PICC-18 PRO also:

- integrates HI-TECH Software's IDE, [HI-TIDE™ 3](#)
- integrates into the MPLAB® IDE, MPLAB ICD2 and most 3rd-party development tools
- includes Library source - for standard libraries and sample code for I/O drivers
- includes macro assembler, linker, preprocessor, and one-step driver
- can run on multiple platforms: Windows (including 32-bit Vista), Linux and Mac OS X.

PICC-18 PRO is packaged with:

### HI-TECH Priority Access™ (at no extra cost):

HI-TECH  
PRIORITY ACCESS™

HI-TECH Software's 12 month web access to updates and priority technical support from arguably the industry's best team of C compiler engineers.

### HI-TECH Satisfaction Guarantee

HI-TECH  
SATISFACTION GUARANTEE

HI-TECH Software offers a 30 day money back guarantee. If for any reason you are not completely satisfied with our product, simply contact us and we'll refund the purchase price.

## Integrated Development Environment



[HI-TIDE 3](#), a powerful development environment including full project management, a flexible editor and a fast, accurate simulator, provides a fully-featured front end to the PICC-18 PRO.

Optionally, the compiler may be run directly from the command line, allowing you to compile, assemble and link using one command. This enables the compiler to be integrated into third party development environments, such as the MPLAB IDE from Microchip Technology, Inc.

HI-TECH PICC-18 PRO is fully supported in the MPLAB<sup>®</sup> IDE as a standard toolset. For additional information and a detailed guide for integrating Microchip's MPLAB environment with the HI-TECH PICC-18 PRO, please contact : [sales@flashtech.com.sg](mailto:sales@flashtech.com.sg).

### **Other HI-TECH C Compilers also supporting Microchip's PIC18 MCU Family:**

- [PICC-18 STD](#)