HI-TECH C® PRO for the PSoC® Mixed-Signal Array Version 9.60 Release Notes

THIS FILE CONTAINS IMPORTANT INFORMATION RELATING TO THIS COMPILER. PLEASE READ IT BEFORE RUNNING THIS SOFTWARE.

0.1   Description

This is the first release of the HI-TECH C PRO for the PSoC Mixed-Signal Array. This compiler supports Cypress® PSoC parts using the M8C CPU core.

0.2   Support Patches

Support Patches are intermediate component updates which may be available from time to time providing fixes to reported bugs or additional device support. These patches can be made available in a timely manner, but may not have been subjected to the same level of testing as a Patch Level Release, or Base Release product.

Support Patches can be downloaded from this compiler's *Known issues* section of our HI-TECH Software's on-line forums. Note that the Known issues area will only become accessible to members once they are logged in.

0.3   Announcements and Feedback

Monitor HI-TECH Software's web site or subscribe to *Announcements* on HI-TECH Software's on-line forums for information relating to new versions or patches. HI-TECH Software welcomes bug reports, suggestions or comments regarding this compiler version. Please direct any input to the PIC forum maintained on HI-TECH Software's website: HI-TECH Software Forums or email: technical support.

0.4   Installation

Prior to installing the HI-TECH C it is recommended that you have already installed PSoC Designer™ 4.4. While HI-TECH C can be used stand-alone from the command line, its usefulness will be limited without PSoC Designer installer. A service pack for PSoC Designer to integrate HI-TECH C will be installed automatically by the compiler installer if not already present. Note that uninstalling HI-TECH C will not uninstall the PSoC Designer service packs. These can be uninstalled from the Windows control panel Add/Remove programs applet if required.

0.5   Migration

See the release notes accompanying the Cypress service pack (PD_HITECH) for migration information for users of other C compilers.

0.6   Limitations

This version of HI-TECH C has the following limitations which are intended to be removed in a future version.

- Bitfields are limited to a maximum of 8 bits in size.

- Use is not made of the MAC subsystem for multiplication, even on those chips that support it. The `#pragma mac` and `#pragma nomac` directives will be ignored with a warning.