

Thank you very much for purchasing our MiniDRAGON+ board. The package includes the MiniDRAGON+ board, AC adapter (US and Canada only), CD, 6-foot retractable RS232 cable.

The getting started manual, AN2153 and D-bug12 reference guide (DB12RG4.PDF) can be found at CDROM\document. Please at least briefly read the getting started manual before installing the software. The MC9S12DP256 data book is located at CDROM\document\MC9S12DP256.PDF. The schematic diagrams in PDF format are located in the holder named CDROM\document\schematic. To print out the schematic diagrams, set your print resolution at 600 dpi for the best results.

If you are interested in **programming your code into EEPROM or flash memory** for auto-starting during power up, please read the files named readme\_EEPROM and readme\_flash in the folders named EEPROM\_programming and flash\_programming, respectively.

To install software, just click on the setup.bat.

All example programs are fully debugged and ready to run. All example programs are written in assembly language. The board comes with AsmIDE that is written by one of our users, Eric Engler. Don't forget to send them \$5.00 if you would like to use AsmIDE. All example programs are on the CD, so no matter how you hack the example programs, you will always have the original files on the CD.

Freescale offers a free C compiler with a C source level debugger for the HCS12 family. The **CodeWarrior Development Studio for HC12/S12 Microcontrollers, Special Edition**, includes the CodeWarrior integrated development environment (IDE); 32K code-size limited C compiler and C source-level debugger; macro assembler and assembly-level debugger; simulator, and flash programming support. The Special Edition allows you to evaluate CodeWarrior Development Studio for HC12/S12 Microcontrollers at no cost.

**Eric Engler** offers the **free** Embedded GNU IDE that supports GNU C language without code-size limitation. If you need an easy-to-use GNU C development toolset, you can download it from his web site at [http://www.geocities.com/englere\\_geo/](http://www.geocities.com/englere_geo/). To download free C demo program app notes you can visit Lin Zhao's web site at [http://sapphire.indstate.edu/~lzhao/application\\_notes\\_for\\_motorola.htm](http://sapphire.indstate.edu/~lzhao/application_notes_for_motorola.htm)

Please visit our web site [www.EVBplus.com](http://www.EVBplus.com) for future technical bulletins and new EVBplus boards for different microcontrollers and software upgrade in the future.

I thank you very much again for your support. If you have any questions or bug reports, please do not hesitate to send me an email at [wchu@wytec.com](mailto:wchu@wytec.com).

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