

## ASM4PICmicros

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This CD contains a complete course on learning Assembly for embedded microcontrollers, specifically the PICmicro microcontroller from Microchip. As well as the course itself, there are all the tools you will need to develop your own software: an IDE (ASMIDE), an assembler (MPLAB) and a send program (PPP).

## Installation

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To install this course, run the "Install\_ASM4PICs.EXE" file. You have 2 choices of installation - FULL and MINIMAL. The FULL installation will put the whole of the course onto your hard drive. The MINIMAL install will install only the tools onto your hard drive (and so you will need the CD in the drive to use this course).

## Uninstallation

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To uninstall this course, open the Control Panel of your computer (in the Start Menu under "Settings"). Double-click the "Add/Remove Programs" icon and select the "Matrix ASM4PICmicros" item.

## Known Issues

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\* If you are running as a restricted user in Windows NT, 2000 or XP, the Virtual PICmicro (VLAB) may fail to launch, giving the error message "Initialization failed". To overcome this problem, a user with administrator privileges will need to give all users read/write access to the folder %WINNT%\TEMP. (Note that this cannot be done in Windows XP Home Edition, so any user of this product on that version of Windows will need to have an Administrator account).

\* The search will not work under a minimum network installation.

\* If your browser does not support JAVA, you can install it by running the "msjavx86.exe" file in the Plugins\MicrosoftVM directory of this CD.

\* Restricted users (under Windows NT, 2000 or XP) may not be able to assemble or edit the ASM or VASM files that come with this product because they do not have write access to the directory where this product was installed. In this case, users should save the ASM or VASM file to their own "My Documents" location before editing or assembling them. To get the ASM or VASM files available on a per-user basis, a system administrator should copy the ASM and VPIC files to each user's personal directory (r/w access by the user is required). The "FilePath" setting in that user's HKCU\software\matrixmm\VPIC and HKCU\software\matrixmm\ASMIDE keys needs to be changed to reflect this new directory.

## Support

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Further help and technical support can be found on our website:

<http://www.matrixmultimedia.co.uk>

or by email:

[support@matrixmultimedia.co.uk](mailto:support@matrixmultimedia.co.uk)

For sales information, please contact:

[sales@matrixmultimedia.co.uk](mailto:sales@matrixmultimedia.co.uk)