

How to install Microchip IDE & Hitech C for PIC18 serials

- 1) Download latest version of mplab software from microchip official site, this IDE support windows, Linux and Mac os, choice the correct one to download: <http://www.microchip.com/pagehandler/en-us/family/mplabx/>, install it in your computer.
- 2) Download Hi-Tech PICC18-pro (V9.66) C language kit, it also have 3 versions for Windows, Linux and Mac OS, the link is here: [HI-TECH C Archive](#). Open the link, then enter: "HI-TECH C for PIC18 (PRO) " folder, then click to download : "HCPIC18-pro-9.66.exe" for windows, "picc-18-pro_9.66-linux.run" for Linux and "picc-18-pro_9.66.-osx.run" for Mac OS.
- 3) Install Hi-Tech PICC18-pro in your computer:
 - For Windows:
 - double click file: HCPIC18-pro-9.66.exe, then follow the instruction on screen.
 - For Mac OS:
 - 3.1 open terminal.
 - 3.2 type compiler name in terminal and install the compiler (picc-18-pro_9.66.-osx.run).
 - 3.3 turn of network.
 - 3.4 when asking serial number, add 6 number.
 - For Linux:
 - We didn't use it in Linux.
- 4) Crack PICC18-pro:
 - For Windows:
 - 4.1 Download Cracker here: <http://depositfiles.com/files/v6vup2azq>.
 - 4.2 Double click to run: HI-TECH cracker.
 - 4.3 Click "Open" to locate the *Activation-Request.txt file in the HI-TECH PICC18-pro installed folder.
 - 4.4 Click "Activate", it will replace the key in several files automatically.
 - For Mac OS:
 - 4.1 Download Cracker here: We will email you HT_Keygen after purchasing our smart display module upon your request.
 - 4.2 run HT_Keygen from terminal
 - 4.3 input the serial number when you installing above
 - 4.4 the program will produce two files for you: activate.dat and keyfile.dat
 - 4.5 manually replace the key in PICC18-pro files, there are 2 files need to be operated: picc18 and cgpic18:
 - 4.5.1 run hex edit program: [Hex Fiend](#).
 - 4.5.2 open activate.dat in installed folder (old).
 - 4.5.3 select all and copy.
 - 4.5.4 open activate.dat file which produced by HT_Keygen.
 - 4.5.5 open picc18 and cgpic18 files (for pic 12/16 are picc and cgpic).
 - 4.5.6 search and replace all data in old activate.dat with data in new activate.dat.
 - 4.5.7 copy keyfile.dat and new activate.dat files to installed folder(.../bin).

4.5.8 run activate command which suggested when installing compiler with the additional option of: `--keyfile=./keyfile.dat`