

[PIC Cruiser quick reference manual](#)

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“PIC Cruiser” is a **5volt device** programmer, for programming PIC devices and is compatible with MPLAB compiler and PicKit2 Programming software’s from Microchip Inc USA, which can be extensively used to program and debug PIC microcontroller based programs with ICSP (In circuit serial programming Interface)



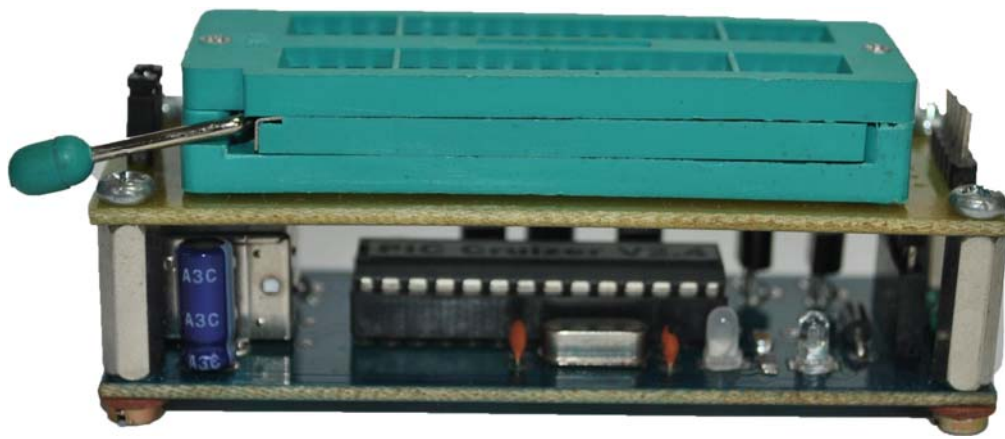
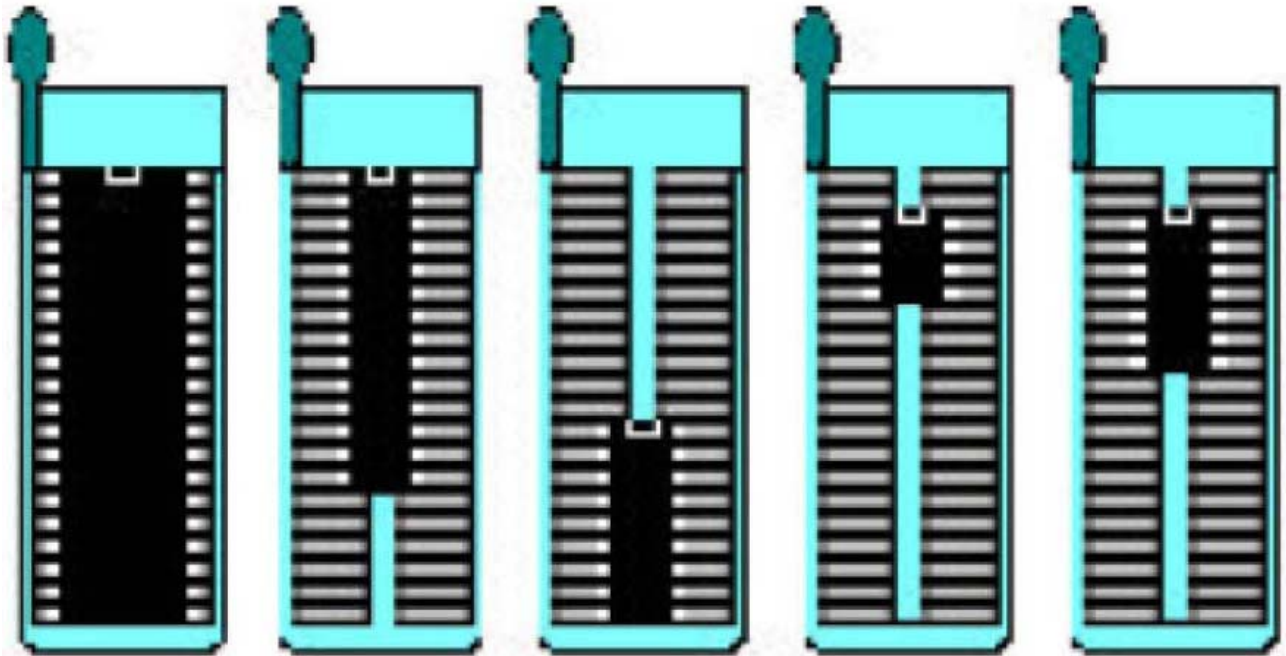
The PIC Cruiser comes completely assembled with a ZIF socket for stand alone use as well a 5 Pin ICSP header which can be used for In-Circuit serial programming. The ZIF socket connections are explained below.



All the software’s and drivers, logo or any other applications given in the CD, belongs to the respective manufacturers of the same.

As the PIC Cruiser is fully compatible with the original PICkit2, the original user manual is included in the CD for your detailed reference. Also refer the PIC Cruiser FAQ file for frequently asked questions about the same. Do feel free to contact us for any doubts and clarifications about the product. Your suggestions are valuable for us to keep improving the quality and performance.

- 28 and 40 pins Devices are top justified in ZIF.
- 18 pins Devices are bottom justified in ZIF.
- 8 and 14 pins Devices are to be justified at pin 3 of the ZIF. See picture below.



Supported PIC Microcontrollers

Baseline Devices

PIC10F200, PIC10F202, PIC10F204, PIC10F206, PIC10F220, PIC10F222, PIC12F508, PIC12F509, PIC12F510, PIC12F519, PIC16F505, PIC16F506, PIC16F526, PIC16F54, PIC16F57, PIC16F59

Midrange Devices

PIC12F609, PIC12HV609, PIC12F615, PIC12HV615, PIC12F629, PIC12F635, PIC12F675, PIC12F683, PIC16F610, PIC16HV610, PIC16F616, PIC16HV616, IC16F627, PIC16F628, PIC16F639, PIC16F627A, PIC16F628A, PIC16F648A, IC16F630, PIC16F631, PIC16F636, PIC16F676, PIC16F677, PIC16F684, PIC16F685, PIC16F687, PIC16F688, PIC16F689, PIC16F690, PIC16F72, PIC16F73, PIC16F74 PIC16F76,

PIC16F77, PIC16F716, PIC16F737, PIC16F747, PIC16F767, PIC16F777, PIC16F785, PIC16HV785, PIC16F84A, PIC16F87, PIC16F88, PIC16F818, PIC16F819, PIC16F870, PIC16F871, PIC16F872, PIC16F873, PIC16F874, PIC16F876, PIC16F877, PIC16F873A, PIC16F874A, PIC16F876A, PIC16F877A, PIC16F882, PIC16F883, PIC16F884, PIC16F886, PIC16F887, PIC16F913, PIC16F914, PIC16F916, PIC16F917, PIC16F946

PIC18F Devices

PIC18F242, PIC18F252, PIC18F442, PIC18F452, PIC18F248, PIC18F258, PIC18F448, PIC18F458
PIC18F1220, PIC18F1320, PIC18F2220, PIC18F1230, PIC18F1330, PIC18F2221, PIC18F2320, PIC18F2321
PIC18F2331, PIC18F2410, PIC18F2420, PIC18F2423, PIC18F2431, PIC18F2458, PIC18F2480, PIC18F2520
PIC18F2450, PIC18F2455, PIC18F2510, PIC18F2515, PIC18F2580, PIC18F2523, PIC18F2525, PIC18F2550
PIC18F2553, PIC18F2585, PIC18F2620, PIC18F2680, PIC18F2682, PIC18F2610, PIC18F2685, PIC18F4220
PIC18F4221, PIC18F4320, PIC18F4321, PIC18F4480, PIC18F4580, PIC18F4331, PIC18F4410, PIC18F4420
PIC18F4423, PIC18F4431, PIC18F4450, PIC18F4455, PIC18F4458, PIC18F4510, PIC18F4515, PIC18F4520
PIC18F4523, PIC18F4525, PIC18F4550, PIC18F4553, PIC18F4585, PIC18F4610, PIC18F4620, PIC18F4680
PIC18F4682, PIC18F4685, PIC18F6310, PIC18F6390, PIC18F6393, PIC18F6410, PIC18F6490, PIC18F6493*
PIC18F6520, PIC18F6525, PIC18F6527, PIC18F6585, PIC18F6620, PIC18F6621, PIC18F6622, PIC18F6627
PIC18F6628, PIC18F6680, PIC18F6720, PIC18F6722, PIC18F6723, PIC18F8310, PIC18F8390, PIC18F8393
PIC18F8410, PIC18F8490, PIC18F8493, PIC18F8520, PIC18F8525, PIC18F8527, PIC18F8585, PIC18F8620
PIC18F8621, PIC18F8622, PIC18F8627, PIC18F8628, PIC18F8680, PIC18F8720, PIC18F8722, PIC18F8723

PIC18F_J_Devices

PIC18F24J10, PIC18F25J10, PIC18F44J10, PIC18F45J10, PIC18LF24J10, PIC18LF25J10, PIC18LF44J10
PIC18LF45J10, PIC18F63J11, PIC18F63J90, PIC18F64J11, PIC18F64J90, PIC18F65J10, PIC18F65J11
PIC18F65J15, PIC18F65J50, PIC18F65J90, PIC18F66J10, PIC18F66J11, PIC18F66J15, PIC18F66J50
PIC18F66J55, PIC18F66J60, PIC18F66J65, PIC18F67J10, PIC18F67J11, PIC18F67J50, PIC18F67J60
PIC18F83J11, PIC18F83J90, PIC18F84J11, PIC18F84J90, PIC18F85J10, PIC18F85J11, PIC18F85J15
PIC18F85J50, PIC18F86J10, PIC18F86J11, PIC18F86J15, PIC18F86J16, PIC18F86J50, PIC18F86J55
PIC18F86J60, PIC18F86J65, PIC18F87J10, PIC18F87J11, PIC18F87J50, PIC18F87J60, PIC18F96J60
PIC18F96J65, PIC18F97J60, PIC18F85J90, PIC18F66J16

PIC18F_K_Devices

PIC18F24K20, PIC18F25K20, PIC18F26K20, PIC18F44K20, PIC18F45K20, PIC18F46K20