

## PICKIT3.5 PICKIT3.5+Programer Simulator without Microchip Logo



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Introducing the PICKit 3.5 In-Circuit Debugger/Programmer your ultimate tool for debugging and programming PIC and dsPIC Flash microcontrollers with precision and ease. Fully compatible with Microchip Technology this advanced device integrates in-circuit debugging logic into each chip, paired with Flash memory for smooth performance and seamless integration.

Building upon the success of its predecessor, the PICKit 3 the PICKit 3.5 introduces the powerful programming-to-go feature, offering enhanced functionality and versatility for a broad range of applications. Whether you're developing embedded systems or refining your microcontroller projects, this tool provides the efficiency and flexibility you need to streamline your workflow.

## Features:

- **USB Interface:** Equipped with a full-speed USB interface (12 Mbits/s) for seamless connectivity to a host PC.
- **Real-Time Execution:** Offers real-time execution capabilities for efficient debugging and programming tasks.
- **MPLAB IDE Compatibility:** Fully compatible with the MPLAB Integrated Development Environment (IDE), providing a powerful graphical user interface for enhanced usability.
- **Over-Voltage/Short Circuit Monitor:** Built-in monitor for over-voltage and short circuit protection, ensuring safe operation.
- **Firmware Upgradable:** Easily upgrade firmware from a PC or web download, ensuring compatibility with future updates.
- **Diagnostic LEDs:** Features diagnostic LEDs for power, busy, and error status indication, facilitating easy monitoring.
- **Memory Read/Write:** Allows read/write access to program and data memory of the microcontroller, enabling efficient data handling.
- **Program Memory Erase:** Supports erasure of program memory space with verification, ensuring data integrity and reliability.
- **Freeze Peripherals:** Freeze peripherals at breakpoints for precise debugging and analysis.
- **Programmer-to-Go:** Program up to 512K byte flash with the Programmer-to-Go feature, offering enhanced flexibility and convenience.
- **ICSP Cable Included:** Comes with an ICSP cable included, ensuring seamless setup and operation out of the box.

Experience unparalleled functionality and performance with the PICkit 3.5 In-Circuit Debugger/Programmer, your ultimate solution for efficient microcontroller debugging and programming tasks.

## Specifications:

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Type	Debugger/Programmer
Tool/Board Application	Debugging/Programming
MCU Supported Families	Flash-based PIC MCUs
Core Architecture	PIC, dsPIC
IC Product Type	In-Circuit Debugger
Shipping Weight	0.03 kg

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Shipping Dimensions

17 × 18 × 4 cm

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