

8051 Family In-Circuit Emulator

- True Low Cost In-Circuit Emulation
- Real-Time In-Circuit Emulator For the Expanded Memory Mode
- Connects to the COM Port of Any PC or Compatible
- Independent Serial Link (UART) For Emulation Control
- Help Feature Displays Available Commands
- Includes 48K Emulation RAM For User Program
- Line-by-Line Assembler and Complete Disassembler
- Debugging With or Without a Completed Target System
- Complete Technical Support

The DryICE Plus is a combination of hardware and firmware that permits programs written for Intel's 8051 family of microcontrollers to be run and debugged in the emulator's artificial environment or in the user's prototype system. As a result, development time can be reduced by the early integration of hardware and software.

Software development and debug can start without having the target hardware available.

Emulation is the controlled execution of the prototype software in the prototype hardware or in an artificial hardware environment that duplicates the microcontroller of the prototype system. The DryICE Plus permits reading and writing of system memory, and control of program execution. The emulator also allows interactive debugging of the prototype software and can externally control program execution while operating in the prototype system. When the prototype system memory is not yet available, the DryICE Plus emulator's on-board memory permits software debugging.



In addition, the DryICE Plus can prove invaluable as an educational tool for learning microcontroller principles. 8051 instructions can be executed interactively and the effects are immediately apparent on the display.

MICROCONTROLLERS SUPPORTED:

8xC3x, 8xC5x, 8xC51Fx

DEVELOPMENT PLATFORMS:

Windows/DOS, Macintosh

AVAILABILITY:

Now

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