

EMUL51*-PC

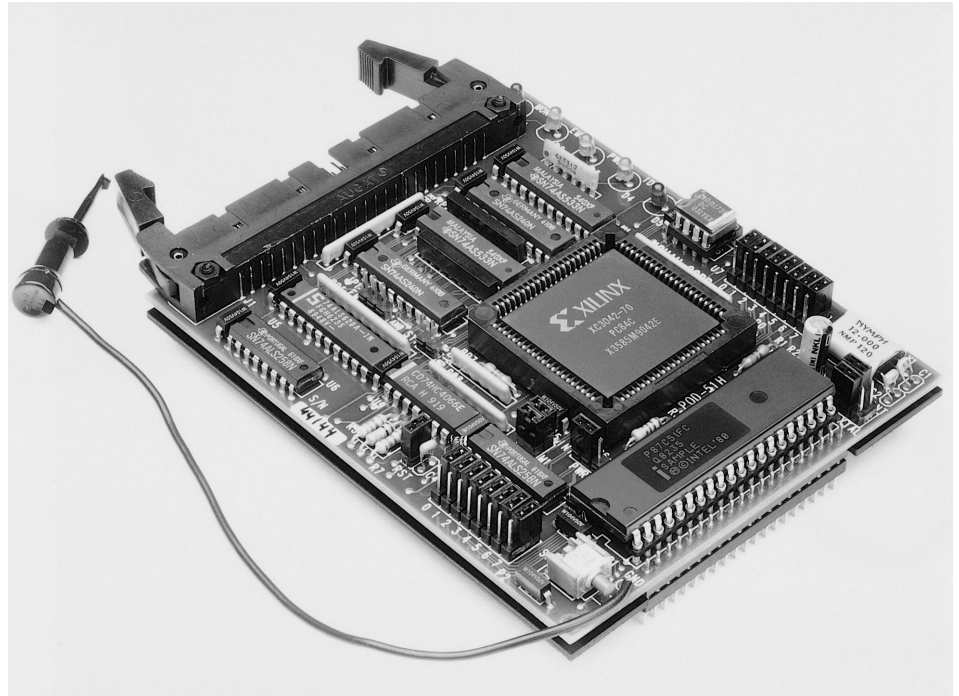
- Multiple Choice of User Interface
- Supports Third-Party Assemblers & Compilers
- Up to 768K Bankswitched Memory Available
- Source Level Debugging
- In-Line Assembler and Disassembler
- Memory Mapping in 4K Pages
- Program Performance Analyzer Software Verification
- Real-Time Emulation
- Develop on Workstations With Nohau's LanICE
- Support For All Intel 8051 Derivatives

The EMUL51-PC is a high performance in-circuit emulator specifically designed to give an optimized environment to develop your Intel 8051 family hardware and software. The EMUL51-PC emulator is a board which plugs directly into the IBM PC/XT/AT bus. As an alternative, it can be installed in an expansion box with a 115K baud serial interface to the host computer.

The optional advanced trace board lets you record up to 256K bus cycles. For each cycle there is a 64-bit sample of address/data bus, RD WR/OP code fetch, interrupt level, 2 ports or up to 18 extra signals, and a time stamp. The time stamp shows exactly when a frame has been recorded, making it easy to measure the time of functions and events. There is also an extra 32-bit timer for measuring events "on-the-fly".

The POD, which plugs into the target system, is connected with a 5 foot (1.5m) ribbon cable to the emulator board, providing a flexible operating range. These POD boards are designed around Intel's technology for accurate emulation of all modes of operation.

The EMUL51-PC is fast: a 16K object and symbol file loads in less than 2 seconds. Dedicated to the Intel 8051 family,



the EMUL51-PC will work just like the microcontroller when placed in your target. We call this a "no-compromise" design.

MICROCONTROLLERS SUPPORTED:

8x3x, 8xC3x, 8xC5x, 8xC51x, 8xC51Fx, 8xC5xGx, 8xC51Rx, 8xC51SL, 8x151, 8xC152Jx, 8xL5x, 8xL5xFx

DEVELOPMENT PLATFORMS:

PC (Non-Windows), PC/Windows, Workstations with Nohau's LanICE

AVAILABILITY:

Now

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For international contacts, see Appendix B.

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