



# Z8 Encore!® 64K Series In-Circuit Emulator



## OVERVIEW

- High end development tool designed for the Z8 Encore!® 64K Series microcontroller family (devices with 16 to 64KB of memory)
- Includes all software development capabilities as provided by ZiLOG's ZDS II-IDE in the Z8 Encore!® Development Kit
- Real-time trace
- Complex trace triggering and qualification
- Trigger in/out capabilities
- Available to support six different package types (40 PDIP, 44 LQFP, 44 PLCC, 64 LQFP, 68 PLCC, and 80 QFP)
- Package adapters are also available separately as needed

## FOR PRECISION DEBUGGING WHEN DEVELOPMENT SPEED IS CRITICAL

The Z8 Encore!® 64K Series ICE emulates the Z8 Encore!® 64K Series microcontroller family, providing complete trace capture and event triggering for program debugging using ZDS II development tools. Designed for high-performance development teams, our in-circuit emulator is the ultimate troubleshooting tool. With it you can capture trace data before and after a trigger event. Set an event to stop program execution at the point where your program is not performing properly and you're able to see the cycles leading up to and immediately after the event in question. No more guesswork - you'll know exactly where the problem occurs.

You can even use an external trigger to set events and a convenient trigger out feature to allow you to activate external devices based on programmed events. You get the ultimate in program debugging and design tools with the Z8 Encore!® 64K Series in-circuit emulator.

The development platform includes our ZiLOG Developer Studio II Integrated Development Environment (ZDS II - IDE). You'll reduce design time, increase developer productivity, and bring your innovative designs to market faster using our complete suite of Z8 Encore!® microcontroller architecture software tools. Combining an easy-to-use Windows-based GUI with multithreading capability, ZDS II provides an environment that streamlines code compilation and development. Tools include a language-sensitive editor, project manager, assembler, linker, librarian, debugger and a full ANSI C-compiler! ZiLOG development tools give you the edge over your competition.



