

E8, E16

- Universal Emulator For 8 to 32 bit
- Up to 32 Mbytes Dual-Ported Emulation RAM
- Real-Time Emulation at Maximum Chip Speed
- Real-Time Trace Up to 128 Kbytes
- Code Coverage and Performance Analysis
- Complex Break and Trigger Conditions
- 5V and 3V Support
- Serial and Parallel Link to a PC Host
- High Level Support For Popular C Compilers
- Windows* and MS-DOS Interface

E8/E16 are universal development systems supporting Intel's 8051 and 80196 microcontroller families. A user interface based on MS Windows facilitates symbolic and source level debugging for mostly all common compilers. User defined windows display source lines and corresponding assembler code, program and data memory, trace history, registers and many more. Watch and inspect windows solve complex arrays and structures with their declared type. Every bit of special function registers is displayed by explaining text and can be changed by a mouse click. Breaks can be set on any combination of address, data, control and external signals such as event counters, analog channels or a UART monitor. Two four stage sequencers track events independently from each other or may be armed for most complex trigger problems. Trace memory recorded with a timestamp of 5 nanosecond accuracy allows performance analysis with histograms and statistical informations. A qualifier and complex trigger conditions filter selected parts of the program. All trace activities are operating "on the fly". Besides emulator functions, instruments such as frequency generator, event counters, AD converters, UART-monitor, logic gates and even a continuity checker help the developer on his daily work.



MICROCONTROLLERS SUPPORTED:

80c32, 8051, 8x3x, 8xC5x, 8xC51Fx,
8xC51Gx, 80196Kx/Mx/Nx

DEVELOPMENT PLATFORMS:

PC/Windows

AVAILABILITY:

Now

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