

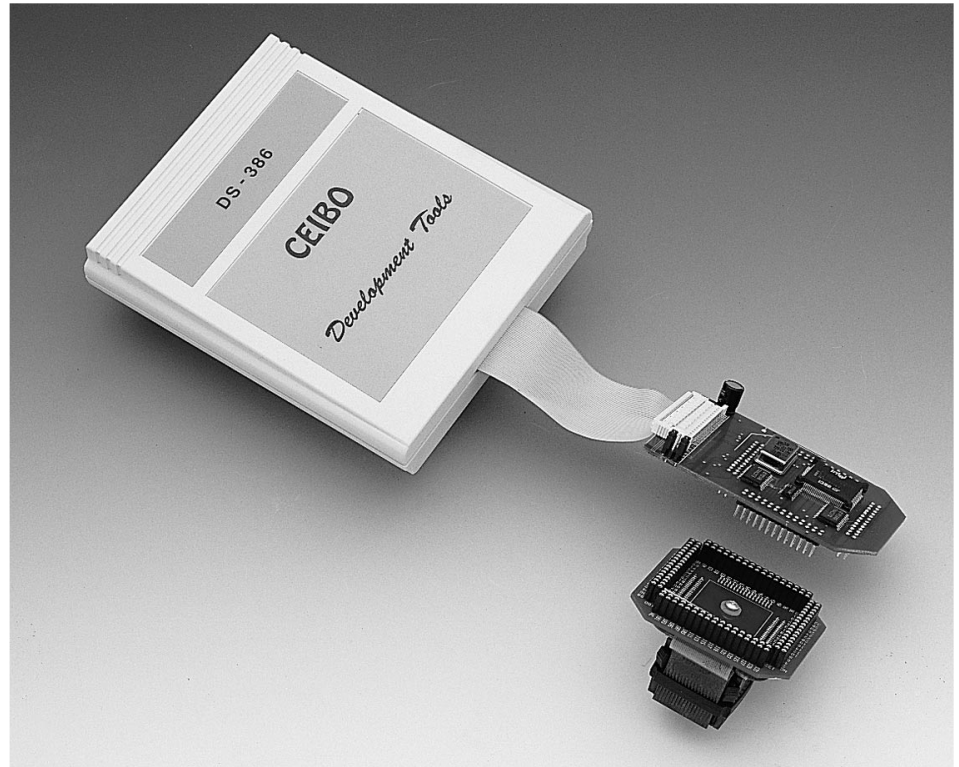
DS-386 In-Circuit Emulator

- 33 MHz Zero-Wait State Operation
- 2 Mbytes of Mapped Memory
- 16K Frames Dynamic Trace Buffer
- Trace Triggers on Internal and External Events
- Complex Hardware Breakpoints
- 115K Baud RS-232 Communication Link
- Once Mode Support
- High Level Language Source Debug
- Macros for Testing Purposes
- Supports Borland, Microsoft and Other Compilers

CEIBO DS-386 is a real time In-Circuit Emulator dedicated to the Intel386™ family of microprocessors. The DS-386 system communicates with the host PC and personality probes to support the real-time emulation of the Intel386 CX/EX/SX processor.

DS-386 adapts to various derivatives of Intel's 80386 family by simply replacing the personality probe. The emulator system is serially linked to the host PC via one RS-232 communications port. The baud rate is programmable from 9600 to 115 Kbaud. The memory can be mapped in boundaries of 8 Kbytes. The emulation speed is limited by the maximum frequency of the standard Intel microprocessor installed in the personality probe to a maximum of 33 MHz.

Five complex hardware breakpoints may be set and are qualified by instruction fetch, execution, data contents, read/write from/to memory and I/O, external events and user defined ranges. Most compilers and assemblers are supported, and the generated files are converted by DS-386 to absolute executable format.



DS-386 software includes a set of Macro routines that may be used in testing or production environments without using the debugger and with minimum hardware requirements from the host computer. The software includes a state of the art source level debugger designed to support embedded systems applications.

HOST SYSTEMS SUPPORTED:
Minimum characteristics: IBM PC or compatible with 4 Mbytes of RAM and one RS-232 serial communications port.

PROCESSORS SUPPORTED:
Intel386 CX/EX/SX processors

AVAILABILITY:
Now

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