

## In-circuit emulation announced for microcode

Hilevel Technology has announced a line of in-circuit emulators for micro-coded processors. Pods are available for the 29116 processor, the 2910 microprogram controller, and the 74AS888 bit-slice processor.

The EC1000 controller, which can

accommodate up to four pods, enables the user to emulate multiple devices simultaneously without having to invest in entirely separate emulators. The device to be emulated is removed from the circuit and plugged into the emulation pod. A cable from the pod is

plugged into the user's system.

The controller features a built-in keyboard and ICD display. Users can look at any device being emulated, display its internal registers and status bits, and modify them as required. Additionally, the EC1000 can single-step through the user's microcode and display register information after each step.

The EC1000 controller is priced at \$2450. Prices for pods start at \$1500 each. Delivery is 30 days ARO.

For more information, contact Hilevel Technology, Inc., 18092 Bardeen, Irvine, CA 92715; (714) 752-5215 or 1-800-HILEVEL.

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## IBM-PC board records VCR graphics/text

The PC-VideoGraph from New Media Graphics Corporation is a graphics add-on board for the IBM PC, XT, and AT family that allows videotaping of computer-generated graphics and text. According to the company, it runs all standard IBM software for generating graphics and text without reprogramming.

Optional interactive PAINT and FONT software permits creation of 640 x 400-resolution, 16-color graphics, and text via a mouse or light pen. With dithering, users can display up to 136 colors simultaneously. Output can be

viewed on either the standard IBM Color Display (RGBI TTL) or VCR (true NTSC).

A graphics library and demonstration software come with the board for use with C, Pascal, and Fortran.

Single-quantity price of the PC-VideoGraph is \$695.

For more information contact New Media Graphics Corp., 279 Cambridge St., Burlington, MA 01803; (617) 272-8844.

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## Document scanner supports IBM PCs, Apple Macintoshes

The MS-300 from Microtek Lab is a dual-resolution 200- and 300-dpi, switchable intelligent image scanner capable of page makeup and text recognition on IBM PC and Apple Macintosh personal computers.

The 300-dpi mode serves optical character recognition applications where detailed character bit patterns are needed and, according to the company, matches the resolution offered by the majority of existing low-cost laser printers for reproduction of scanned images.

The desktop scanners accept documents up to 8½-inches wide with variable lengths; they are loaded from the top and scanned by a linear charge-coupled device image array.

The price for the MS-300 with scanner unit, interface kit, and the driver program is set at \$2300. Volume pricing is available. Single-unit price for the MS-200 is \$1700; quantity prices are available.

The company is located at 17221 So. Western Avenue, Gardena, CA 90247; (213) 538-5369.

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