Modem fits IBM short slots

A 300/1200-baud modem on a half-size card has been designed by Everex Systems to fit the short slots in IBM XTs, Portables, and compatibles. The Hayes-compatible Evercom Half Card features call-progress monitoring, voice and data communications with automatic transition, audio and data telephone-line monitoring, half- and full-duplex data transmission, and a built-in loudspeaker under software volume control.

The Evercom is supplied with BITCOM software that supports 132-column displays, includes built-in data buffers, and enables other programs to be run while remaining available to accept more data communications.

Suggested retail price of the Evercom Half Card is $249.

For further information contact Everex Systems, 47777 Warm Springs Boulevard, Fremont, CA 94539; (415) 498-1111.

Reader Service Number 25

ECL/TTL gate array added to Honeywell line

Honeywell has announced a low-power ECL/TTL gate array that functions within military temperature requirements.

The HM3500 uses a 2.5-micron, oxide-isolated, digital bipolar process. The gate array operates at system clock frequencies of more than 300 MHz and dissipates 3.5 watts. Typical internal CML gate delays are 400 picoseconds. A 148-pin grid array is the standard package for commercial applications in mainframe and super-minicomputers, automatic test equipment, communications, and graphics.

Nonrecurring engineering charges for the HM3500 in commercial applications are approximately $60,000, which includes 10 working samples. Typical turnaround time is 12 weeks.

For further information call (800) 328-5111, ext. 3422, or write Semi-custom Product Marketing, Honeywell Digital Product Center, 1150 East Cheyenne Mountain Boulevard, Colorado Springs, CO 80906.

Reader Service Number 26

ASIC offers 8000 gates

Honeywell has introduced a 1.25-micron, bipolar application-specific integrated circuit designed for supercomputers, super-minicomputers, automatic test equipment, communications, and graphics.

Honeywell's dense 1.25-micron, bipolar ASIC, the HE8000, is available in a 235-pin, pin-grid-array package. The die, mounted on a copper/tungsten alloy, provides a low thermal resistance path to the heat sink.

The HE8000 is an 8000-gate array featuring current mode logic and macrocells that achieve 6 to 8 watts of dissipation while operating at 210 picoseconds. According to the company, on-chip test-ability, programmable-drive macrocells, and computer-aided design support enable designers to increase system density, performance, and reliability.

Pricing was not announced. For information on the HE8000 gate array ASIC, contact Honeywell Bipolar Product Marketing, Digital Product Center, 1150 East Cheyenne Mountain Boulevard, Colorado Springs, CO 80906; (800) 328-5111, ext. 3422.

Reader Service Number 27

Reader Interest Survey

Indicate your interest in this department by circling the appropriate number on the Reader Interest Card.

High 192  Medium 193  Low 194