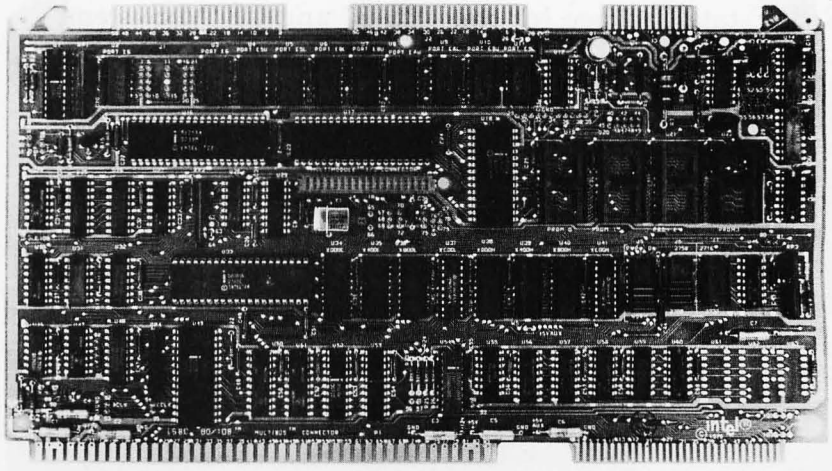
What's New?

SYSTEMS

Intel's iSBC 80/10B Single-Board Computer

The iSBC 80/10B is fully compatible with the 80/10A board from Intel, and is expandable from 4 K to 16 K bytes of EPROM (erasable programmable read-only memory) and ROM (read-only memory). One K bytes of programmable memory are included and may be extended up to 4 K bytes. The iSBX parallel 350 and serial 351 I/O (input/output) boards provide expansion identical to on-board I/O. Two programmable, 16-bit BCD (binary-coded decimal) and binary timers are available for general use. Another multimodule board is the floating-point math board. This unit is compatible with the IEEE (Institute of Electrical and Electronics Engineers) format and offers single- and double-precision arithmetic functions. The 80/10B system provides a battery backup in the event of a power failure.



The price for the board is $560. Prices for the parallel and serial I/O boards and the floating-point board range from $155 to $450. Contact Intel Corporation, 5200 NE Elam Young Pky, Hillsboro OR 97123, (503) 640-7147.

Circle 644 on inquiry card.

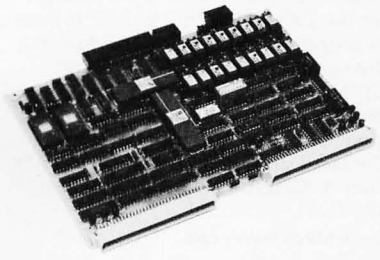
Vector System 2800 Makes Its Debut

The System 2800 consists of a Vector 3 terminal with the ZCB single-board computer, together with 64 K bytes of programmable memory, a floppy-disk controller, and a Flashwriter II video board featuring an 80-character by 24-line display. The second major feature is the Dualstor 8-inch floppy-disk drive unit, which has a total capacity of 2 megabytes. The formatting is IBM compatible. The drives have an access time of 91 ms and a transfer rate of 500 K bps (bits per second). The standard software on the system is CP/M. Microsoft BASIC-80, RAID debugger, SCOPE editor, and the five Peachtree Software accounting packages are optional. The suggested retail price for the System 2800 is $7295. Contact Vector Graphic Inc, 31364 Via Colinas, Westlake Village CA 91361, (213) 991-2302.

Circle 645 on inquiry card.

Zilog Introduces a Z8000 Board

A microcomputer board based on the Z8001 microprocessor is now on the market. The Z8000 board features 32 K bytes of programmable memory with parity protection, 8 K bytes of additional ROM (read-only memory) or PROM (programmable read-only memory) space, two communication channels, and a real-time clock. The Z8001 microprocessor is a segmented unit characterized by a 414-member instruction set. The Z8001 can address up to 8 megabytes of memory. In addition, the board employs the Z80A serial I/O controller to incorporate two serial channels. Each channel is individually programmable to support synchronous or asynchronous protocols, including IBM Bisync, SDLC, HDLC, and CCITT-X.25. Other features include a parity-error detection circuit, three types of interrupts, and three LEDs (light-emitting diodes) to indicate when the microprocessor is in system mode, WAIT state, and I/O reference. The Z8000 microprocessor board is priced at $2295. Other members of the family will be introduced later and are to include programmable memory, a single-board terminal, floppy-disk controller, and digital and analog I/O boards. For more information, contact Zilog, 10460 Bubb Rd, Cupertino CA 95014, (408) 466-4666.



Circle 646 on inquiry card.

System 80-W from NNC

NNC Electronics has recently announced its System 80-W computer, a complete S-100 system built around the newly released 10-megabyte Shugart 8-inch Winchester hard disk. The system includes a floppy-disk controller and one Shugart 801R double-density floppy disk, a two-board hard-disk controller, a Z80A microprocessor running at 4 MHz, 64 K bytes of bank-selectable dynamic memory, eight-level vectored interrupts, a real-time clock, three parallel ports with line drivers for interfacing to all parallel printers, and two RS-232C serial ports with complete handshaking and programmable data-transfer rates. In addition, the computer conforms completely to the IEEE S-100 bus standard. For more information, contact NNC Electronics, 15631 Computer Ln, Huntington Beach CA 92649.

Circle 647 on inquiry card.

Microsette Gets New Name and New Product

Microsette Company has changed its name to Personal Micro Computers Inc. One new product from Personal Micro Computers is Fastload, which is an interface between the Radio Shack CTR-41 cassette recorder and the TRS-80 parallel port. Fastload permits standard cassettes in BASIC or SYSTEM formats to be loaded at 8000 bps (bits per second), sixteen times faster than the usual rate. Personal Micro Computers Inc is located at 475 Ellis St, Mountain View CA 94043, (415) 968-1604.

Circle 648 on inquiry card.