

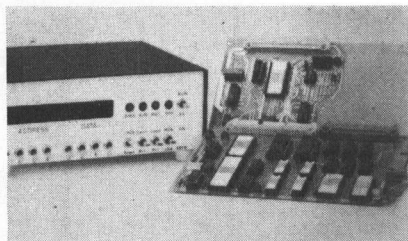
Single-Card Controller Includes μ Processor, p/ROM, and R/W Memory

Designed for dedicated applications such as process control, instrumentation, and communications systems, the MC80 microcontroller utilizes an 8080 microprocessor and is contained on a single card. It includes 256 words of static R/W memory (expandable to 512 words) and up to 2K of custom application p/ROM storage. Other features include buffered address and data lines, two 8-bit parallel I/O ports, crystal clock

designed to facilitate division into standard baud rates, and 488-ns cycle time.

System's structure and compatibility allow full use of I/O peripherals. This also permits simulation of the device by the company's full-scale microprocessor system for efficient hardware and software systems development.

Total hardware support is offered, including plug-in front panel for



checkout, maintenance, and diagnostic programs that permit operational access to such control signals as reset, DMA, ready, and interrupt. Other front panel module functional capabilities include run, single step, examine memory, and load memory—in addition to 1K of static R/W memory for p/ROM simulation.

Available from Gnat Computers, 8869-C Balboa Ave, San Diego, CA 92123, the device is supported with single voltage source power supply board and communications control board. Also available is a general-purpose board laid out for wirewrap sockets and designed to speed development of custom interface and controller prototypes, with sockets numbered, and power and ground busing in.

Circle 180 on Inquiry Card