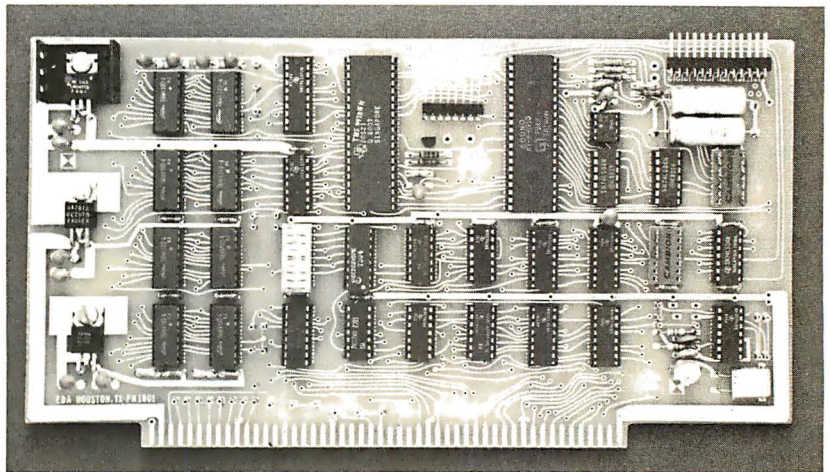


What's New?

PERIPHERALS

Video and Audio on One Board

The Color Video Processor and Programmable Sound Generator board can create color graphics and sound. It contains 16 K bytes of I/O- (input/output) mapped video memory and allows graphics or text to be superimposed over an external video input. Using 16 colors with 35 display planes, a three-dimensional effect can be obtained. In addition, the board has three programmable square-wave tone generators and two 8-bit programmable I/O ports. The graphics mode features 256 by 192 dot resolution. The board also allows real-time interrupts. The tone generators feature envelope generation over a range of 12 octaves. The single-board color video and sound



generator uses the Texas Instruments TMS9918A Video Display Processor and the General Instrument AY-3-8910 Programmable Sound Generator, and is compatible with Z80, 8085, and 8080 microprocessors on S-100 bus systems. Documentation in-

cludes programming examples and test routines. It is available for \$475 assembled and tested or \$375 in kit form. Contact Electronic Design Associates, POB 94055, Houston TX 77018, (713) 999-2255.

Circle 502 on inquiry card.

Q2000—Family of Hard-Disk Drives

The Q2000 series of 8-inch fixed-hard-disk drives are compatible with Shugart's SA1000 disk drives, but offer 10-, 20-, and 30-megabyte unformatted capacities. This is achieved by using a special head-positioning tech-

nique. The Q2000 family features a 4.34-megabit-per-second transfer rate, an average latency of 10 ms, and access times of 15 ms track-to-track, 100 ms maximum, and 50 to 60 ms average. Maximum recording density is 6600 bits per inch, and track density is 345 tracks per inch. Rotational

speed is 3000 rpm (revolutions per minute). Soft-sectoring is offered.

In OEM (original equipment manufacturer) quantities of 500 per year, pricing is \$1200 for the 10-megabyte Q2010, \$1500 for the 20-megabyte Q2020, and \$1800 for the 30-megabyte Q2030. For more information, contact Quantum Corporation, 2150 Bering Dr, San Jose CA 95131, (408) 262-1100.

Circle 503 on inquiry card.

