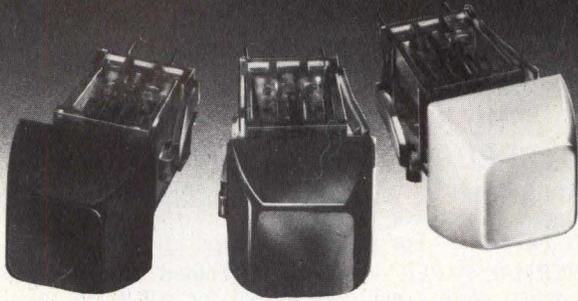


OAK KEYBOARD SWITCHES THAT NEVER QUIT WORKING!



These economically priced Series 475 switches are rated at 20,000,000 operations minimum. You can use them with confidence in control systems, data entry, terminals, security systems, and other equipment where absolute dependability is essential. Snap-in design for fast, accurate panel assembly. Wide choice of switching actions: SPST, DPST, N/O or N/C, SPDT non-shortening, alternate action and SPST with dummy lug. Crossbar wiping, self-cleaning gold alloy contacts. Sealed PC terminations.

Stocked for immediate delivery by OAK distributors who provide legend marking services. Contact OAK or its distributors for additional information.

OAK Industries Inc.

SWITCH DIVISION / CRYSTAL LAKE, ILLINOIS 60014
TELEPHONE: 815-459-5000 ■ TWX: 910-634-3353 ■ TELEX: 72-2447

For more information, Circle 117 on Inquiry Card.
Have a salesman call. Circle 118 on Inquiry Card.

THE INDUSTRIAL MICROCOMPUTER MARKET

Frost & Sullivan has completed a 240-page analysis and forecast of the industrial microcomputer market through 1985. The forecast encompasses these equipment types: microprocessors, read-only memories, read-write memories; and these end user industries: process industries (3 types); manufacturing industries (4 types); electric and gas utilities; other industries and export markets. The MPU category is analyzed in terms of both the semiconductor technology employed in its manufacture (P-Channel MOS, N-Channel MOS, Complementary MOS, Bipolar and other) and the MPU configurations (4, 8, 12, 16 or bit-slice). An assessment is made of the relationship between the original microcomputer components manufacturers and various classifications of intermediate suppliers in servicing the industrial end user market. By customer, projections are made to 1985 of the market share distribution of both the primary industrial microcomputer shipments to the initial (intermediate) customer and to the ultimate end user.

Price: \$650. Send your check or we will bill you. For free descriptive literature, plus a detailed Table of Contents, contact:

 **Frost & Sullivan, Inc.**
106 Fulton Street
New York, N.Y. 10038
(212) 233-1080

PRODUCTS

MAGNETIC TAPE TERMINAL



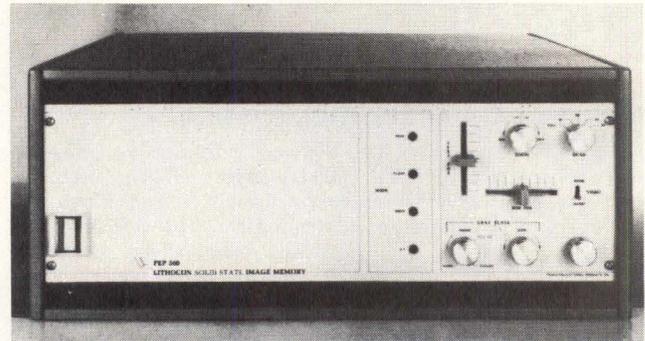
Available in either single or dual cassette configurations, the free-standing MTT (magnetic tape terminal) is equipped with two RS-232-C interfaces to accommodate a data set and a printer, CRT, or other auxiliary device. Complementing TerminiNet™ 300 and 1200 printers, the unit can be used with any device which has an RS-232-C interface. Features include character string search, high speed data transfer, and flexible editing. The ANSI-compatible digital cassette has read/write rates that are switch selectable at 10, 20, 30, 120, and 240 char/s. Transparency permits recording of non-ASCII 8-bit codes. Block lengths of 88, 144, or 166 char can be selected and data storage capacity ranges from 100k to 125k char/cassette depending on block length selection. **General Electric Co.**, Data Communication Products Dept, Waynesboro, VA 22980.

Circle 282 on Inquiry Card

BLOCK FLOATING POINT ARRAY SIGNAL PROCESSOR

MSP-2, a single 15" (38.1 cm) sq plug-in board designed for Data General's line of Nova[®] and Eclipse[®] computers, will perform array calculations 10 to 50 times faster than minicomputers used for array calculation applications. It is capable of performing 1024-point real fast Fourier transforms on data resident in Nova memory in <7 ms, including I/O. Users may increase power by plugging in more than one board. Requiring only 5 V at 6.5 A, the board derives its dc power from the host computer. 2048 real words of memory reside on the processor board for storage of intermediate results. The unit handles all data internally as 24-bit words. All boards are p/ROM driven but can be reprogrammed to change the application. **Computer Design and Applications, Inc.**, 375 Elliot, Newton, MA 02158. Circle 283 on Inquiry Card

IMAGE MEMORY/SCAN CONVERTER



PEP-500 is a beam-addressed image memory designed for visual display of electronic signals from any source. Using advanced IC devices and the Lithocon TX-100 solid-state image memory, the device features high image gray scale resolution coupled with high image stability; operating specs are guaranteed regardless of extremes in temp, vibration, or magnetic ambience. The single-ended scan converter is operable in any of four modes: read, write, selective erase, and full screen clear. Beam address of the target can be driven either by internal raster generators or external X, Y signals. Image writing may be accomplished in either integration or equilibrium modes. **Princeton Electronic Products, Inc.**, PO Box 101, North Brunswick, NJ 08902. Circle 284 on Inquiry Card