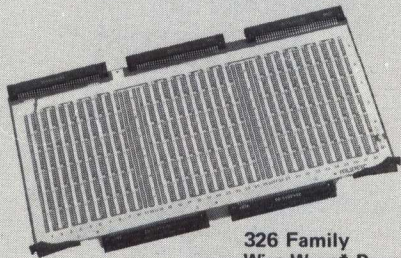


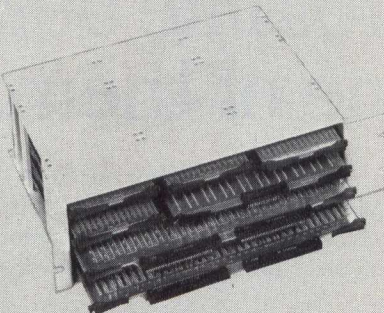
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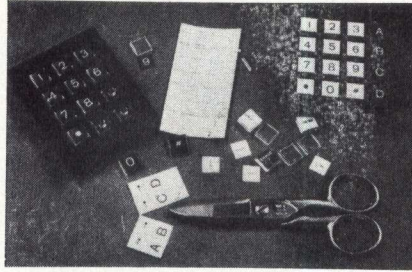


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PRODUCTS

MICROPROCESSOR KEYBOARD



Keyboard features removable clear cap key tops permitting easy exchange of key legends to match programming needs. Conductive elastomer sealed switches are standard with X-Y matrix, X-common, and Y-common; no interface circuitry is required. Form A with single common also is available. Keys have 0.075" travel and are on 0.650" centers. Tactile snap is optional. Both 12- and 16-key versions are available. **Flex-Key Corp.**, 18 Sargent St, Gloucester, MA 01930.

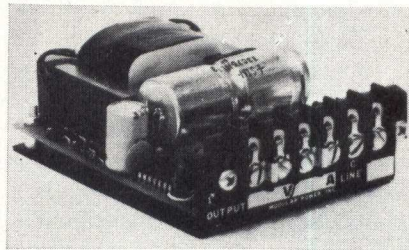
Circle 214 on Inquiry Card

SINGLE-POINT SENSOR

The -115, a solid-state optoelectronic assembly, contains a silicon phototransistor and waveshaping hybrid circuitry. This combination of optoelectronics and solid-state electronics provides a complete square wave output, TTL-compatible subsystem. Broadband spectral response is coupled with an output capability of 10 std TTL gates to offer extensive application versatility. **HEI Inc.**, Jonathan Industrial Ctr, Chaska, MN 55318.

Circle 215 on Inquiry Card

MINIATURE POWER SUPPLIES



PSM series feature MTBF of >100K h at 25°C. Directly interchangeable with many popular encapsulated types, the supplies provide superior thermal characteristics and ease of maintenance. Models are available in single output voltages of 5, 12, 15, 24, 28, and 250 Vdc. Output currents range from 0.05 to 1.5 A. Typ regulation is 0.03% line and load, ripple 500 μ V, and 1% pre-set voltage accuracy. All models have full protection against short circuit and overload conditions. **Modular Power, Inc.**, 4818 Ronson Ct, San Diego, CA 92111.

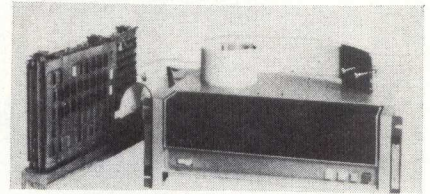
Circle 216 on Inquiry Card

STEPPED KEYBOARD SWITCH

With a 12-deg plunger, model DI-120 has two sets of normally open cross-point contacts internally connected in parallel. Features include a double set of cross-point gold alloy contacts, rugged construction, and low contact bounce. Contact elements are in a separate assembly inside the switch enclosure. Terminals are sealed to allow soldering. Switch life is specified for 20M operations min; >6.5G test operations have been accumulated without failure. **Data Interfaces Inc.**, 12 Cambridge St, Burlington, MA 01803.

Circle 217 on Inquiry Card

CARTRIDGE DISC DRIVE CONTROLLERS

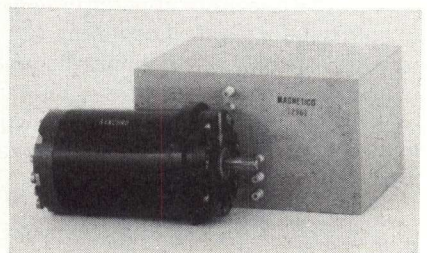


Three models, Phoenix 35, 40, and 45, are media and software interchangeable with DG 4046, DG 4234, and DEC RK-11, respectively. Additional mode of operation provides sector address verification while maintaining software compatibility. Built-in self-test verifies all data path and control logic circuitry at full operating speeds with disc units switched offline. The 35 and 40 occupy a single I/O slot in a Nova-type processor. Packaged in a std system unit, the 45 plugs into the PDP-11 power distribution panel. **Xylogic OEM Components Group, Inc.**, 42 Third Ave, Burlington, MA 01803.

Circle 218 on Inquiry Card

HIGH POWER SYNCHRO DRIVER

Driver takes 9-V rms sine and cosine information, 60 Hz, and converts it to 90-V line-to-line synchro information, capable of driving a 25-VA load. Linear design and balanced construction techniques provide 2-arc minute accuracies; balance is such that accuracy is not affected by load. In a 3 x 4 $\frac{3}{4}$ x 2 $\frac{1}{4}$ " hermetic can, unit meets all rugged environment specs of MIL-T-27 and is operable from -55 to 125°C. Input impedance is more than four times the reflected load impedance. A 90-V line-to-line, 100-VA, 400-Hz unit is available in the same size. **Magnetico, Inc.**, 182 Morris Ave, Holtsville, NY 11742.



Circle 219 on Inquiry Card