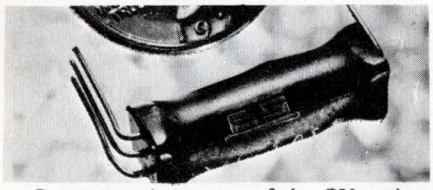
**For quick information use the reader service card inside the back cover.**

## 35-CENT REED RELAY



Contact rating specs of the SX series relays include 10 W switching capability, 500 mA max. current, typ. capacitance of 0.2 pF, 500 mΩ max. contact res., 500 μs operate time and 200 Vrms min. dielectric strength. Electronic Specialty Div., Datron Systems, Inc., 18900 N.E. Sandy Blvd., Portland, Ore. 97220.

***Circle Reader Service #340***

## KEYBOARD SWITCH

You can specify any std. operating force from a min. of 3 to a max. of 16 oz ±0.50 oz (85, ±15 g) with this switch designed for PC board applications. Less than $0.40 ea. in prod. quan. Oak Mfg. Co., Crystal Lake, Ill. 60014.

***Circle Reader Service #341***

## FLUX RING MEMORY STACK

These batch-fabricated memory stacks are for use in high-speed memory systems and in main memories for midi- and mini-computers. Cycle time is as low as 100 ns for NDRO or 250 ns for DRO Signal Galaxies, Inc., 6955 Hayvenhurst, Van Nuys, Calif. 91406. (213) 988-1570.

***Circle Reader Service #342***

## CLOCK OSCILLATOR

The CO-232 crystal controlled clock oscillator generates a high stability TTL/DTL compatible output at any freq. in the 3 to 25 MHz range. Designed for PC board mounting, it operates from 5 Vdc. Vectron Lab, Inc., 121 Water St., Norwalk, Conn. 06854

***Circle Reader Service #343***

## MINICOMPUTER SERIES

The Alpha 16 ($3350 ea.) has 1600 ns cycle time, 4 k core memory, hardware multiply/divide, three direct memory channels and three vectored priority interrupts. The 8-bit Alpha 8, with 4 k memory, 1600 ns cycle time, DMC and priority interrupts, is only $2800. Computer Automation, Inc., Newport Beach, Calif.

***Circle Reader Service #344***

## MULTI-SPEED DATA SET

Model 911 switchable Intertran offers synchronous data rates of 2400, 4800 and 9600 bps. A fourth switch position accommodates any asynchronous rate up to 1800 bps. Computer Transmission Corp. 1508 Cotner Ave., Los Angeles, Calif. 90025.

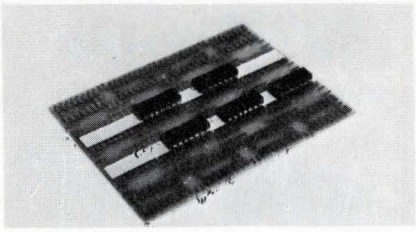
***Circle Reader Service #345***

## CATV TRANSISTORS

Five new CATV devices are for line extender, trunk and bridger amplifier applications. The devices include SD1119 and SD1106 in a TO-39; SD1116 and SD1005 in an MT-59 stud; and SD1118 in a TO-60 stud. Solid State Scientific Inc., Montgomeryville, Pa. 18936.

***Circle Reader Service #346***

## DIP BUS BAR



Dip-Buss™ provides a voltage and ground laminated bus bar which fits under DIPS and maximizes PC board surface use. Logic Dynamics, Inc., 118 Center St., El Segundo, Calif. 90245.

***Circle Reader Service #347***

## IC SOCKETS

Type 561 accepts 14-pin dual-in-line ICS on 0.100 in. centers. Its contact entrance design affords consistently reliable mating of the IC package. Connector Corp., 6025 N. Keystone Ave., Chicago, Ill. 60646.

***Circle Reader Service #348***

## CHIP THERMISTORS

"Lo Cap" thermistors have capacitance values of <1 pF from 5 to 20 MHz. They are available from 100 Ω to 150 kΩ at 25°C. Cal-R, Inc., 1601 Olympic Blvd., Santa Monica, Calif. 90404.

***Circle Reader Service #349***

## THUMBWHEEL SWITCHES

Rated at 3 A and 115 Vac, these miniature 10-digit switches have a life expectancy of 1 million switch-point cycles while switching 0.125 A. Standard versions include decimal or BCD outputs. AMP Incorporated, Harrisburg, Pa. 17105.

***Circle Reader Service #350***


White, gaussian
**Noise Modules**
by Solitron

Produces high output noise voltages with a flat frequency spectrum across the entire specified bandwidth.

Available in 20 KHz to 1000 MHz bandwidths, operating at selected voltages from +15V DC to +28V DC, as specified. Outputs range from 5 MV to 1.0V with a nominal crest factor of 5:1.

Units are RFI shielded and all power lines filtered to keep noise out of power systems. Drives impedance load from 50 ohms to 10,000 ohms — or higher. Temperature stability ±3.0 db, from –30°C to 100°C. Higher stability available on special order.

Sizes 2 x 2½ x 1; 2 x 4 x 1; 2 x 6 x 1, or custom designed to your specifications. A complete line of white noise diodes, generators and modules available. Write for further information, or call Dr. Lon Edwards at Solitron.

**solitron devices, inc.**
256 Oak Tree Road
Tappan, N.Y. 10983 (914) 359-5050

***Circle Reader Service #44***