

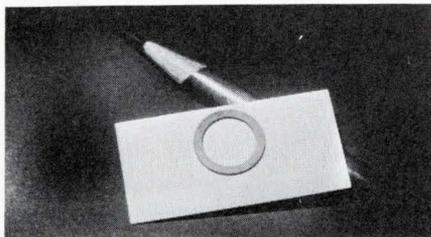
For quick information use the reader service card inside the back cover.

INDUSTRIAL REED RELAY

Offered in both latching and non-latching versions, the Series R relay has a mechanical life of more than 1 billion operations, bifurcated contacts for increased reliability, high sensitivity, and fast response for operation to 500 Hz. Babcock Electronics Corp., 3501 N. Harbor Blvd., Costa Mesa, Calif. 92626.

Circle Reader Service #315

MOS/LSI PACKAGE



This 40-lead Cer-Dip MOS/LSI edge mount package is for quick plug-in and interchangeability in high-density circuit applications. It has a thick film die attach area, which eliminates the need for the costly gold perform. Owens-Illinois Electronic Materials Group, Box 1035, Toledo, Ohio 43601.

Circle Reader Service #316

IC BOARDS

Boards come in any shape, size, or configuration. V_{cc} and ground planes are plated on opposite sides of the boards with optional or committed V_{cc} /ground pins. Scanbe Mfg. Corp., 3445 Fletcher Ave., El Monte, Calif. 91731.

Circle Reader Service #317

SPRAYABLE DIELECTRIC

Castall 343 is a conformal spray coating for use between semiconductors and heat sinks. It has a low thermal resistance of $0.2^{\circ}\text{C}/\text{W}$, and a high dielectric strength of 1000 V/mil. About \$15.00 a qt. Castall, Inc., Weymouth Ind. Park, East Weymouth, Mass. 02189.

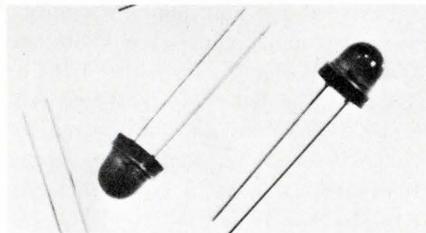
Circle Reader Service #318

FLUX FOR MICROELECTRONICS

Here is a non-spattering, low fuming, mildly activated flux, especially designed for micro-electronic uses. Microflux No. 5004 is applied by brushing, dipping, spraying and other normal methods. Alpha Metals, Inc., 56 Water St., Jersey City, N.J. 07304.

Circle Reader Service #319

SOLID-STATE LAMP



Solid-Lite® red light emitting lamps use the high efficiency electroluminescence from gallium phosphide diodes to obtain bright, wide-viewing-angle properties. Type OSL-3 lamp has an optical power output of 225 μW , equivalent to 4.5 millilumens, at 15 mA. OPCOA, Inc., 330 Talmadge Rd., Edison, N.J. 08817.

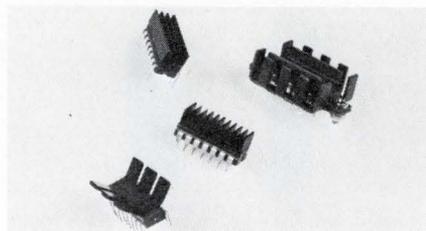
Circle Reader Service #320

SS RELAY

Model 640-1 SerenDIP™ is a fully isolated, bipolar output, totally ss relay in a TO-116 dual-in-line package. The spst, four terminal device is capable of bounceless switching up to 0.1 A @ 50 Vac or dc, and at switching rates up to 100 kHz. \$4.45 ea. (1000 pc quan.). Teledyne Relays, 3155 W. El Segundo Blvd., Hawthorne, Calif. 90250.

Circle Reader Service #321

DIP HEAT SINKS



These heat sinks are for 14- and 16-pin DIPs. The 6007A is a two-piece unit that provides for heat removal from both top and bottom surfaces of the DIP. The one-piece 6010, 6011, and 6012 sinks can be bonded to the top of the DIP with thermally conductive epoxy after assembly. Thermalloy Co., 8717 Diplomacy Row, Dallas, Tex. 75247.

Circle Reader Service #322

LOW PROFILE KEYSWITCH

MOD 220 has both audio and tactile feedback along with the ability to accomplish up to 10-level diode encoding and rollover within the keyswitch. Average bounce is $<25 \mu\text{s}$. Universal Technology, Inc., 29 Commerce Ct., Verona, N.J. 07044.

Circle Reader Service #323

Reliable White, gaussian Noise



Solitron's MSD-8256

A tiny all solid state high output noise module offering grassy, gaussian noise of unusually uniform spectral density, with an output of 1 to 1.5 vac into 200 ohms. Operates from 10 KHz to 200 KHz within ± 3 db, and from 50 KHz to 150 KHz within $\pm 1/2$ db. Maximum current flow only 75 milliamp. Functions from -30°C to 100°C with a maximum ± 3 db output variation.

Other units with differing package designs, dimensions and inputs available, from 10 Hz to more than 8 GHz, operating over narrower and broader bandwidths. Modules with peak to rms ratios of 5:1 — or higher on special order. Write for additional information.

Solitron Devices, Inc.



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

Circle Reader Service #39