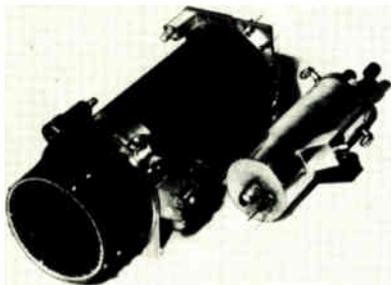


New products

Use Dow Corning dielectric coolants.



A UHF amplifier, for airborne equipment (right), was reduced in size and weight by using Dow Corning® 200 fluid. Only this unit produced full power over full frequency at an altitude of 100,000 ft.

If you're stuck with a hot electronic apparatus that you want to pack away in a snug place somewhere, relax. Silicone dielectric fluids from Dow Corning could be your answer.

The thermal stability of silicone fluids, combined with excellent physical and dielectric properties, solves the critical problem of high performance in smaller equipment. Specifically, rapid heat dissipation, superior dielectric strength, and low losses over the temperature range -40 to 200 C are primary reasons why closer spacing or size reductions in electronic apparatus are possible. Available in a wide viscosity range, they can be used for cooling power tubes, damping meter indicators, insulating high-voltage power supplies, or filling dashpots.

Non-sludging and essentially non-toxic, silicone fluids deliver long life at a competitive price where conventional organic liquids fail rapidly.

For specific information on our complete line of fluids, write Dow Corning Corporation, Dept. C-3336, Midland, Michigan 48640.

Silicones; simply the best way to protect electronic equipment

DOW CORNING

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use a flip-chip process to package Hall-effect integrated circuits and, instead of wire bonding, will employ the batch process of solder reflow to a ceramic substrate. Moreover, module panel-mount metal plates will replace the mounting rails that hold present key modules. The modules of the SD line will be inserted into the mounting plate automatically. Applications of the keyboards are in traditional batch-data-entry as well as point-of-sale terminals and word-processors.

Micro Switch, Division of Honeywell Inc., Chicago & Spring Sts., Freeport, Ill. 61032 [363]

Point-of-sale keyboards are programable

A 256-bit PROM coupled with a standard TTL scanning circuit provides the means to program any or all of

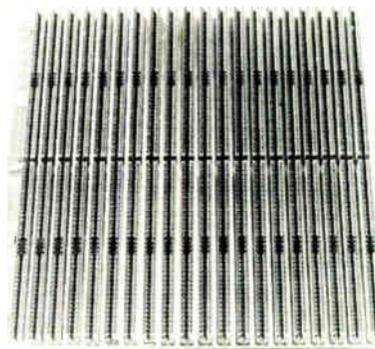


the 25 keys located on a point-of-sale keyboard with any eight-bit code specified by the user. Also included are an error-free two-key roll-over and two-shot molded key-tops with legends to be specified by the user.

Key Tronic Corp., Building 14, Spokane Industrial Park, Spokane, Wash. 99216 [366]

Bus expander is designed for PDP-8/E computers

A bus expander, designed for use with PDP-8/E computer systems, provides 20 plug-in slots and is compatible with the computer's Omnibus. The unit, which is shipped with power cable and bus-signal jumper boards, is made with two pc



boards of FR-4 glass epoxy. Price of a 20-slot board is \$450. A 10-slot expander board is also available.

Douglas Electronics Inc., 718 Marina Blvd., San Leandro, Calif. 94577 [364]

Process computer system's memory is doubled

A medium-size computer system for process management and control is available with memory capacity of the original system doubled to 65,536 words. The enlarged memory capability allows the FOX I system to support larger tasks and new



communications modules and software packages. A variety of remote CRT terminals, teleprinters, and video monitors are also available. Price starts at \$200,000.

The Foxboro Co., Foxboro, Mass. 02035 [367]

Memory module packages 16,000 16-bit words

A core-memory module packaging 16,000 16-bit words on a single printed-circuit board is for use with