

SURVEY OF MICROPROCESSOR/ MICROCOMPUTER BUYERS

The publishers of **COMPUTER DESIGN** and the leading industrial market research company **INTERNATIONAL DATA CORPORATION** announce a significant new market research report entitled:

Survey of Microprocessor/ Microcomputer Buyers

7000 COMPUTER DESIGN readers were surveyed to determine:

- the type of equipment using μ Ps/ μ Cs they are currently designing.
- the μ P/ μ C models selected and the criteria for the selection
- the memories selected and the criteria for the selection.
- peripherals used with the equipment.
- various aspects of software and test.
- opinions on current μ Ps/ μ Cs and peripherals.
- recommendations for their improvement.
- future plans for using μ Ps/ μ Cs and much more.

The 150 page report contains more than 50 tabulations of data from the survey, many of them correlating use factors and selection criteria with type of equipment. Each table is accompanied by an explanation of its meaning and an interpretation of its significance.

For a more detailed description of the report, circle 120 on the Reader Inquiry Card,

or write

Survey of Microprocessor/
Microcomputer Buyers

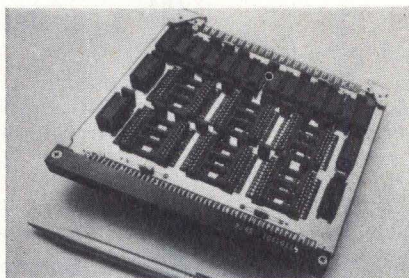
Computer Design
Market Research Group
143 Swanton St.
Winchester, MA 01890

PRODUCTS

TUBE-AXIAL FAN

The TA1000, 10" dia x 3.5" deep, consists of impeller, housing, and motor; is interchangeable in dimensions, mounting hole configuration, and plug attachment with other 10" fan models; and outperforms them with less input power and lower winding temp. Recommended range of operation at 60 Hz is from 310 cfm at 0.165" H₂O, static pressure to 490 cfm at 0.05" H₂O, with current and power constant throughout. Two models are available for 115- or 230-V power at 50/60 Hz. **Torin Corp.**, Torrington, CT 06790. Circle 257 on Inquiry Card

INLINE SOCKET CARDS

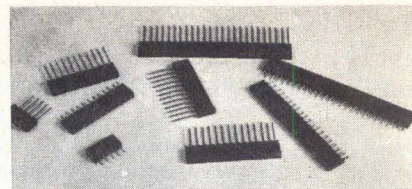


Up to six 42-pin quad-in-line and 18 16-pin dual-in-line packages can be installed in these 3D5019 wirewrap socket cards. Included for reduction of power noise are 27 ceramic and four tantalum capacitors. Power is connected on four of 16-pin sockets; remaining sockets can be custom connected with power clips furnished with card. Cards feature 96-pin pin and socket edge connector and fit company's std 3D files. The 5.82 x 6.25" card is available for 2- and 3-level wirewrap. **ECCO**, 1441 E Chestnut Ave, Santa Ana, CA 92701. Circle 258 on Inquiry Card

LOW PROFILE KEYBOARD SWITCH

Model DI-104, companion piece to Double Cross Point, has <1/2" profile and is designed for high quality terminal keyboard applications. Switch features double set of crosspoint gold alloy contact, rugged construction, and low contact bounce. Switching elements are enclosed to prevent foreign particle contamination. Terminals are sealed to allow soldering. Switch life is specified for 20M operations; >4G test operations have been accumulated without failure. **Data Interfaces Inc.**, 12 Cambridge St, Burlington, MA 01803. Circle 259 on Inquiry Card

SINGLE INLINE IC SOCKETS



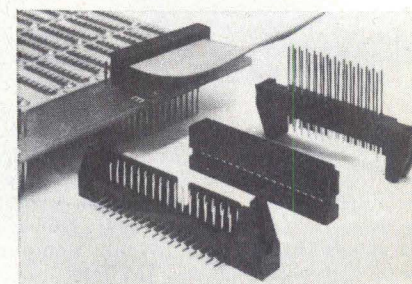
Line of SIP sockets in 5-, 11-, 12-, 14-, 20-, and 25-pin lengths are both side- and end-stackable. When combined, they can be used for unusual width or length requirements. Use of open area on PC board between sockets is also obtained. Available with solder tail or three lengths of wire-wrap pins, sockets can be supplied in right angle configuration for use at end of board. Contacts are 0.010" leaf spring phosphor bronze, except solder tail which is 0.008". **Circuit Assembly Corp.**, 3169 Red Hill Ave, Costa Mesa, CA 92626. Circle 260 on Inquiry Card

FAST INFRARED LIGHT EMITTING DIODE

Suited for high power color video or data transmission via fiber or air, IR emitters (GaAlAs/GaAs) have high figure of merit, $F \geq 10^8$ W/s in pulsed operation. Features include typ response time of 50 ns, radiation frequency at or near fiber optics absorption min, and CW-operation over 10 mW. Several mounts are available (eg, TO-5, power stud) with different lens types for wide angle and beamed power. **International Audio Visual, Inc.**, 15818 Armita St, Van Nuys, CA 91406. Circle 261 on Inquiry Card

FLAT RIBBON CONNECTORS

Designed for fast, low cost installation on logic panels, PC boards, and backplanes, Multi-Term line consists of series 6200 male (with protected pins), 6600 male (with unprotected pins), 6300 female, 6400 DIP, and 6700 card edge connectors—all on 0.100" contact centers. Line includes 1-piece header connectors in 10 to 60 contacts in straight-through or right-angle configurations, and those featuring preassembled construction with optional strain relief. **Stanford Applied Engineering, Inc.**, 340 Martin Ave, Santa Clara, CA 95050.



Circle 262 on Inquiry Card