**PRODUCT PROFILE** Products and services for the computer systems design professional

Information on the products and services advertised in PRODUCT PROFILE may be obtained by writing the product listing’s number (in parenthesis at the beginning of each listing) on the postage-paid reader service card this issue.

If you are interested in presenting your products to the 20,000 computer design professionals who read COMPUTER, and would like more information on this convenient, low-cost medium, contact: Product Profile, COMPUTER, 8949 Reseda Blvd., Northridge, Ca. 91324.

(160) Non-Impact Printers: Data of marked interest to the computer professional on Matrix’s LP-860/LP-1150 Non-Impact Printers; electrostatic writing technique; high-contrast printout/silent operation, high reliability; used in communications applications requiring fast (up to 9600 BPS); 23 controllers for interfacing with mini/midicomputers; additional features deserve further study/consideration. — Versatec, Incorporated, 10100 Bubb Road Cupertino, Calif. 95104.

(161) Television/Minicomputer Interface: Concise, factual information of interest to the computer professional on new Kantronics television camera to minicomputer peripheral; unit transforms video signals into binary format data has general digital interface for data transfers; Version “A” of interface compatible with PDP8e, 8i, 8i, or PDP12 positive I/O bus; negatives/photographs/maps/ transparencies/circuit boards/natural scenes may be scanned, resulting in “binary pictures” placed in minis memory/bulk storage for analysis; data merits study—Kantronics Company, Inc., P.O. Box 3068, Lawrence, Kan. 66044.

(162) Disc Controllers: Comprehensive detailed information on Telefile Disc Controllers; handles up to 8 disc drives for almost any non-IBM computer; DC-16 helps out most 16 bit minis; DC-18, DC-32, DC-36, DC-10 brings IBM compatible drives together with PDP-15’s, Sigma 5’s/7’s, Univac 418’s, PDP-10’s respectively; easy to program/8 commands required; read/write multiple records done with single command; additional features warrant further study. — Telefile Computer Products, Inc., 17795 Sky Park Circle, Irvine, Calif. 92664.

(163) Logic Panels: Concise, factual information on Scanbe Logic Panels; decoupling capacitor provisions for standard applications; decoupling efficiency achieved from 1.3kHz through 50mHz usign suggested capacitor array; quality performance/exclusive features/low price; custom logic panels available; worth investigation/study. — Scanbe Manufacturing Corp., 3445 Fletcher Avenue, El Monte, Calif. 91731.

(164) Instrumentation Amplifier: Full details on Preston low cost, high-precision Instrumentation Amplifier, Model 8300XWB-E; features gain accuracy of -0.01%/gain linearity -0.01%; amplification factor of preset/fixed-gain amplifier can be specified for any value between 1x/2000x; bandwidth also preset/may be specified for any value between 10Hz-100kHz at 3db point; additional features merit further consideration. — Preston Scientific Incorporated, 805 East Cerritos Avenue, Anaheim, Calif. 92805.

(165) Paper Tape Replacer: Full details on Kydek Paper Tape Replacer; designed as a plug-to-plug-replacement for paper tape/not a cassette for disk replacement; fast, extremely reliable/practical alternative to paper tape, I/O; use it exactly the same as paper tape; load/store programs; reads/writes data incrementally; additional features worthy of further study/consideration. — Kyde Corporation, 132 Calvary Street, Waltham, Mass. 02154.

(166) Computer Packaged Leasing Program: Worth reading brochures/data on Itel Corporation Computer Packaged Lease Program; IBM System/370 leased on short term basis/complete flexibility/large savings; complete computer package consisting of System/370, Itel Disk Drives, Itel Fixed Head Files, Itel Tape Drives/AMS Monolithic Memory; lease terms range from 3-8 years; definitely merits closest consideration. — Itel Corporation, One Embarcadero Center, San Francisco, Calif. 94111.

(167) Programming Tools: Programmer’s Kit; professional programming instruments in a custom fitted briefcase; Hexadat; hex calculator, 8 digits/credit balance/automatic complement on heavy-duty precision aluminum casting; uses 3M Company DC300A Magnetic Tape Cartridge which contains 2 reels/300 feet of 1/4” computer-grade tape requires single drive motor; multi-channel read-write head; available in 1/2/4-channel configurations; merits study.—MDS OEM Marketing, 781 Third Avenue, King of Prussia, Pa.19406.

(168) Voice Synthesizer: Full details on VSV Voice Synthesizer; small/inexpensive; capable of synthesizing human speech with unlimited vocabulary; consists of 3 circuit cards; accepts sequences of digital phoneme commands/converts commands into corresponding phonetic audio signals; utilizes analog circuitry to simulate electronically human vocal system; additional features warrant further study/consideration. — Vocal Interface Division, Federal Screw Works, 3401 Martin Avenue, Detroit, Mich. 48210.

(169) Cartridge Tape Drive: Concise, factual information on MDS Model 2021 Cartridge Tape Drive; available as desk top console or as panel-mounted assembly; all mechanical components mounted on heavy-duty precision aluminum casting; uses 3M Company DC300A Magnetic Tape Cartridge which contains 2 reels/300 feet of 1/4” computer-grade tape requires single drive motor; multi-channel read-write head; available in 1/2/4-channel configurations; merits study.—MDS OEM Marketing, 781 Third Avenue, King of Prussia, Pa.19406.
try standard; 7", 8-1/2", 10-1/2" reel size: 6.25, 12.5, 25, 37.5, 45 IPS; phase encoding, NRZI; 200, 556, 800, 1600 CPI; single/dual gap heads; write, read, read/write, read after write; power fail safe; solid state IC logic; definitely merits closest consideration.—Producers Service Corporation, Computer Peripheral Division, 1200 Grand Central Avenue, Glendale, Calif. 91201.

(171) Alphanumeric Strip Printer: Full details on Facit Alphanumeric Strip Printer; features include input US ASCII standard/character by character, 15 CPS, 5x7 dot matrix presentation of characters, high character flexibility, single print hammer/fewer moving parts; definitely merits closest consideration.—Facit Odhner Inc., 501 Winsor Drive, Secaucus, N.J.

(172) Digital Cartridge Recorder: Full details on the Kennedy Co. Model 330 Digital Cartridge Recorder. Combines the new 3M one-quarter-inch tape cartridge with its isoeisotic drive system, and proven Kennedy electronics; the first cartridge recorder designed solely for high-reliability data recording. Tape drive is fully bi-directional at 25 ips normal speed, resulting in a data transfer rate of 40,000 bits/second at 1600 cpi recording density. Forward and reverse search modes, as well as rewind speed, are 90 ips. With 300 feet of high grade 0.25" one mil tape, total data capacity (gapless) is 23 x 10^6 bits for 4-track operation. Model 330 meets the proposed ANSI standard. Model 330 is equipped with a dual gap read/write head for read-after-write operation. One, two and four-track versions are available. Each track is treated independently, allowing cartridge interchange between transports of differing track configurations. Each track is equipped with a separate erase gap to ensure against inadvertent data erasure. — Mr. Russell E. Bartholomew, Kennedy Co., 540 W. Woodbury Road, Altadena, Calif. 91001, (213) 798-0953.

(173) Multimeter-Counter: Comprehensive detailed information on Model 3003 Multimeter-Counter; measures ac, dc volts/ohms/frequency to 10MHz; 3-1/2 digit Sperry Display; measures center freq/deviation limits in fm tape recorder calibrations; definitely merits closest consideration.—Valhalla Scientific, 7707 Convoy Court, San Diego, Calif. 92111.

(175) Printer/Reader: Full details on Addmaster Printer/Reader: Printer includes 12-column capacity/prints 3 lines (36 characters per second) 12 characters per column/numeric or limited alpha; reader features 120 CPS asynchronous speed/solid state—LED/reliability/stepping motor; both available in case/interfaced/ready to plug in; additional features merit study.—Addmaster, 416 Juniper Serra Drive, San Gabriel, Calif. 91776.

(177) Graphic Data Acquisition System: Full details on 1858 Graphic Data Acquisition System; signal conditioning circuitry built in — just plug your choice of modules into front panel; allows any trace to be positioned at any point on record with full record width deflection, plus digital trace identification; offers high-frequency response/super fast rise time without trace overshoot, without high-frequency trace wipe-out; additional features merit study. — Honeywell Test Instruments Division, P. O. Box 5227, Denver, Colo. 80217.

(176) Active Filters: Concise, factual information on 760 Active Filters; resistor-tunable 2-pole-pair Butterworth bandpass devices externally tunable over 1000: 1 range with 4 equal resistors; three models, 760, 762, 764 cover range of 0.05 Hz-20kHz with maximum center frequencies (f0) at 50Hz, 500Hz, 20kHz, respectively; additional features merit further study.—Monolithic Memories, Inc., 1165 East Arques Avenue, Sunnyvale, Calif. 94086.

(180) Chip Resistor: Concise, factual information on Tantalum Nitride Chip Resistors and Networks. Standard 30 Mil square configuration; available in standard RETMA resistance values from 1 Ohm to 10 Megohms. Tantalum Nitride resistor technology also enables hybrid circuit designer to obtain considerable higher circuit density; worthy of investigation/study. — Semi-Films Technology Corporation, Box 188, West Hurley, N.Y. 12491.