

Recent IC Announcements

For more information, circle the appropriate RS No. on the Reader Service Card at the back of the magazine.

MANUFACTURER AND MODEL	FUNCTION	COMMENTS	R.S. NO.
Destek Group. Portx	Real-time operating system kernel	Portx is designed for the Intel iAPX series of microprocessors and is delivered as embedded software. It features a claimed reduction of the lowest interrupt latency rate in the industry. Price not indicated. Destek Group, 830 E. Evelyn Ave., Sunnyvale, CA 94086; (408) 737-7211.	70
EG&G Reticon. RF5651	Filtering device	Designed for testing telephony and telecommunication systems, this monolithic, switched capacitor device features a filter for C-message weighting specifications, a 1010 notch filter, and a program weighing filter. \$33.25 (100's). EG&G Reticon, 345 Potrero Ave., Sunnyvale, CA 94086-4197; (408) 738-4266.	71
Intel Corp., 80C51BH-1	Microcontroller	This CHMOS 8-bit microcontroller has a maximum operating frequency of 16 MHz, at which frequency it has an operating current of 20.5 milliamperes and can support a serial data-transfer rate of up to 500K bps. \$11.55 (5000's). Intel Corp., 5000 W. Williams Field Rd., Chandler, AZ 85224; (602) 961-2756.	72
Mostek Corp., MK3901M	ROM	The MK3901M is a 1M-bit, CMOS ROM with multiplexed address and data bus. It can be organized as either a 128K x 8 byte-wide or 64K x 16 word-wide memory component. Packaged in a 28-pin DIP, it is priced at \$55 (1000's). Mostek Corp., 1215 W. Crosby Rd., Carrollton, TX 75006; (214) 466-6000.	73
M-tron Industries, Inc., MT1135 Series	Programmable baud rate generators	These devices have on-board crystal clock oscillators. With four address lines and a strobe for each channel, the dual output MT1135 units permit independent selection of baud rates from 50 baud to 19,200 baud for each channel independently. Prices not indicated. M-tron Industries, Inc., PO Box 630, Yankton, SD 57078; (800) 762-8800.	74
Samtec, Inc., Low-profile connectors	Interconnects	Included are board-to-board interconnects that, when mated, allow as little as .165" between boards; pin grid array sockets, DIP sockets and adapters, and single in-line strips with various socket styles and options. Body thickness as low as .050". Prices start at \$0.10 (100's). Samtec, Inc., PO Box 1147, New Albany, IN 47150; (812) 944-6733.	75
SGS Semiconductor Corp., M2764A	EPROM	The M2764A is an 8K x 8, TTL-compatible ultraviolet EPROM with a die size of 12,000 square mil. It has a 200 ns access time, an electronic signature, and a two-line control function. Price not indicated. SGS Semiconductor Corp., 1000 E. Bell Rd., Phoenix, AZ 85022; (602) 867-6100.	76
Shelly Associates, SMH Series	DIP switches	Specification: 100 mA, 50V dc on load; 25 mA, 25V dc on switching; 100 mA, 5V dc on switching. Contact resistance is 50 ohms max., and insulation resistance is 500V dc, 100 mohms min. Prices begin at \$0.61 (100's) for two-pole versions. Shelly Associates, 14281 Chambers Rd., Tustin, CA 92680; (714) 669-9850.	77
Technitrol, Inc., MEDM-2	Manchester encoder/decoder	This TTL Manchester encoder/decoder can operate at 25 Mb/s; its design makes possible factory setting to any data rate from 1 Mb/s to 25 Mb/s. Price not indicated. Technitrol, Inc., 1952 E. Allegheny Ave., Philadelphia, PA 19134; (215) 426-9105.	78
Texas Instruments, PAL20 Series	PAL circuits	Fabricated with advanced low power Schottky technology, these 24-pin PAL circuits with industry-standard pinouts have a maximum switching speed of 25 ns and an operating frequency of 30 MHz. When purchased in plastic DIP packages, they cost \$8.52. Texas Instruments, Semiconductor Group, Literature Response Center (SC-477), PO Box 809006, Dallas, TX 75360-9066; (800) 232-3200, ext. 700.	79
Toshiba America, Inc., TMM2018D-35	SRAM	This asynchronous, 2K x 8 NMOS device has an access time of 35 ns, a maximum operating current of 150 mA, and standby current of 20 mA. It operates from a single 5V power supply. \$8.65 (1000's). Toshiba America, Inc., 2692 Dow Ave., Tustin, CA 92680; (714) 832-6300.	80
Toshiba America, Inc., TMM41464P-12 TMM41464P-15	DRAM	The TMM41464P is a 256K NMOS DRAM organized 64K x 4 bits. It comes with two access times: a 120 ns version (TMM41464P-12) with an operating current of 65 mA and a 150 ns version (TMM41464P-15) with an operating current of 55 mA. The TMM41464P-12 is priced at \$17.25 (1000's) and the TMM41464P-15 is priced at \$15.70 (1000's). Toshiba America, Inc., 2692 Dow Ave., Tustin, CA 92680; (714) 832-6300.	81