

Recent IC Announcements

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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 bit-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