

RECENT IC ANNOUNCEMENTS

PART NUMBER	VENDOR	DESCRIPTION	PRICE/QUANTITY	AVAILABILITY
MICROPROCESSOR				
68HC05JB2	Motorola 800.765.7795	Microcontroller for USB mouse applications has 2,048 bytes of user ROM and 128 bytes of RAM; 16-bit timers, 10 I/O pins, interrupts.	\$1.40/100,000	Samples—Now Prod.—3Q97
PIC17C756	Microchip 602.786.7668	Microcontroller has 8-bit CPU at 33 MHz, 10-bit analog-to-digital converter, USART, 32K OTPROM, 902 bytes user RAM.	\$13.28/1,000	Samples—Now Prod.—3Q97
INTERFACE				
39C1010	Silicon Systems 800.572.0882	Chip provides ATA/ATAPI-to-1394 interface; includes nonvolatile configuration ROM and compatibility with TI physical-layer controllers.	\$10/1,000	Prod.—Now
ML4667 ML4668	Micro Linear 408.433.5200	MAUs for 10Base-FL networks using fiber-optic cabling; pin-compatible with existing ML4663 device; normal ('67) and low-power ('68) versions.	\$18.10/1,000	Prod.—Now
QSpan	Tundra 613.592.0714	PCI bridge chip adds PCI compatibility to Motorola 68040, 68360, 860, 821, and 801 microprocessors; works with '030 and '302 with extra logic.	\$24.50/10,000	Prod.—Now
MEMORY				
709279 70927	IDT 800.345.7015	Synchronous dual-port SRAMs have 512-Kbit capacity, organized as 32Kx16, with 12-ns ('279) or 25-ns ('27) access times.	\$49.75/100	Prod.—Now
HM5283206-8	Hitachi 800.285.1601	Synchronous graphics RAM (SGRAM) operates at 125 MHz, has 8-Mbit capacity, organized as 256Kx32, with 3.3-V supply.	\$12/1,000	Prod.—Now
TC59S6416FT	Toshiba 800.879.4963	Synchronous DRAM has 64-Mbit capacity, organized as 4Mx16, with 8-, 10-, or 12-ns access time for operation at up to 125 MHz.	\$72/1	Samples—Now Prod.—3Q97
HM62W8512A	Hitachi 800.285.1601	DRAM has 4-Mbit capacity and operates from 3.3-V supply; with 70- or 85-ns access time; consumes 30 μ A operating, 15 μ A standby.	\$18/1,000	Samples—Now Prod.—3Q97
LH28F008SC	Sharp 800.642.0261	Flash-memory device has 8-Mbit capacity, compatibility with Intel parts; can be erased/programmed from 3-, 5-, or 12-V supply.	\$15/100	Samples—Now Prod.—3Q97
MISCELLANEOUS				
ST20-TP2	SGS-Thomson 617.259.0300	Programmable transport chip for television set-top boxes combines ST20 processor with demultiplex, descrambling, MPEG, other functions.	\$25/10,000	Prod.—Now
CS4610	Cirrus 512.912.3244	Audio accelerator has PCI interface, supports AC-3 audio; includes internal DSP for audio decoding, 3D effects, other features.	\$22/10,000	Prod.—Now
STi5500	SGS-Thomson 617.259.0300	DVD or set-top box controller includes MPEG-2 audio/video decoder, ST20 microprocessor core; requires only 10 Mbits to decode CCIR601.	\$35/10,000	Samples—Now Prod.—3Q97
PROGRAMMABLE LOGIC				
PSD6xx	WSI 510.656.5400	Family of programmable microcontroller peripherals include MCU interface, 128K EPROM, 512 bytes battery-backed SRAM, and extra I/O pins.	\$4.99/100,000	Prod.—Now
SYSTEM LOGIC				
GT-64011 GT-64014	Galileo 408.451.1400	Core-logic chips for R4640/50 MIPS processors provide EDO memory control, four-channel DMA, device controller, and PCI interface ('11).	\$19.95/10,000	Prod.—Now
Riva 128	SGS-Thomson 617.259.0300	Media accelerator is based on Nvidia design that includes FP setup engine, pixel effects processor, and interface to 100-MHz SGRAM.	\$30/10,000	Prod.—Now