

RECENT IC ANNOUNCEMENTS

PART NUMBER	VENDOR	DESCRIPTION	PRICE/QUANTITY	AVAILABILITY
MICROPROCESSOR				
Am186ES Am188ES	AMD 800.222.9232	Microcontrollers provide glueless interface to commodity DRAMs, two serial channels, enhanced DMA controller, and pulse-width modulator.	\$12.94/1,000	Samples—Now Prod.—2Q96
SH7702	Hitachi 800.285.1601	First member of SH-3 generation includes 2K unified cache, MMU, and 32-bit multiply-accumulate function; DC to 45-MHz clock rate.	\$30/25,000	Samples—Now Prod.—2Q96
INTERFACE				
DS2109	Dallas 214.450.0448	SCSI terminator automatically enables and disables active SCSI termination for all 18 SCSI data and control signals based on a single control input.	\$3.30/1,000	Prod.—Now
MEMORY				
29LV800	AMD 800.222.9323	Flash memory device operates from a single 2.7-V supply, including program and erase voltages; 8-Mbit capacity can be organized $\times 8$ or $\times 16$.	\$33.85/10,000	Prod.—Now
HN62W5016	Hitachi 800.285.1601	Mask ROM has 16-Mbit capacity and is configurable for $1M \times 16$ or $512K \times 32$ organization; with 40-ns read-access time in burst mode.	\$9/10,000	Prod.—Now
LH28F004SU	Sharp 800.642.0261	Flash memory has 4-Mbit capacity ($512K \times 8$ or $256K \times 16$) with 16, 32, or 64 lockable blocks; 5-V/12-V read/program supply voltage.	\$14/1,000	Prod.—Now
24LCS21	Microchip 602.786.7668	Serial EEPROM for use in video-display terminals has improved noise immunity on serial interface; compatible with Access.bus; 1-Kbit capacity.	\$1/10,000	Prod.—Now
MISCELLANEOUS				
MX501	Mediamatics 408.496.6360	MPEG-1 audio and video accelerator supports full-motion video playback with synchronized audio in cooperation with Pentium-based software.	\$23/10,000	Samples—Now Prod.—2Q96
CS4237	Crystal 512.912.3022	Single-chip audio controller includes SRS (sound retrieval system) audio-enhancement technology; simulates 3D audio from unencoded audio data.	\$42.50/10,000	Samples—Now Prod.—2Q96
DS1670	Dallas 214.450.0470	System controller includes real-time clock, 8-bit A/D converter, CPU monitor, and control for nonvolatile RAM backup in SOIC-20 package.	\$5.20/1,000	Prod.—Now
TEA1095	Philips 408.991.3626	Hands-free telephone chip controls voice-activated transmit/receive changeover, logarithmic volume control, dial-tone detection, and muting.	\$1.99/10,000	Prod.—Now
PROGRAMMABLE LOGIC				
QL12 \times 16B-100	QuickLogic 408.987.2000	Field-programmable gate array is available in very thin quad flat-pack (VQFP) for Type I, II, and III PCMCIA cards; with 2,000 gates.	\$19.95/500	Prod.—Now
SYSTEM LOGIC				
ALG2564	Avance Logic 510.226.9555	Graphics processor integrates 64-bit accelerator, 32-bit RAMDAC, and 32K BIOS ROM in a 208-lead PQFP package; supports MPEG-1 playback.	\$16/10,000	Prod.—Now
MPEGFFE	IBM 607.755.9066	Real-time MPEG-2 encoder set uses one, two, or three chips for NTSC and PAL encoding for I-frames, IP-frames, or IPB-frames at ML/MP.	\$1,500/1	Samples—Now Prod.—3Q96