

RECENT IC ANNOUNCEMENTS

PART NUMBER	VENDOR	DESCRIPTION	PRICE/QUANTITY	AVAILABILITY
DSP				
DSP96002	Motorola 714.557.6884	Floating-point 32-bit digital signal processor runs at 60 MHz and comes in a ceramic QFP package; dual ports allow master/slave configuration.	\$49.95/10,000	Samples—Now Prod.—1Q97
MICROPROCESSOR				
WARP20	SGS-Thomson 617.259.0300	Weight-associative rule processor (WARP) for fuzzy-logic applications runs at 40 MHz, includes input fuzzification and output defuzzification.	\$10/500	Prod.—Now
68EC060-66	Motorola 512.891.2134	Speed upgrade to 66 MHz for 32-bit superscalar member of 68K family; 3.3-V part comes in 206-lead ceramic PGA package.	\$180/10,000	Samples—Now Prod.—1Q97
μPD789806Y	NEC 800.366.9782	Eight-bit microcontroller based on K0 core includes USB interface for mouse, keyboard, or peripheral control; in flash or ROM versions.	\$3.50/10,000	Samples—Now Prod.—2Q97
INTERFACE				
MXT3010	Maker 617.672.0622	Programmable ATM cell processor handles 622-Mbit/s data rate; based on proprietary RISC core, chip handles cell manipulation and transmission.	\$75/10,000	Prod.—Now
L56xVCS	Lucent 800.372.2447	Integrated modem chip set for 56-kbps modems; includes DSP, Plug-and-Play ISA, and PC Card interfaces.	\$69/10,000	Prod.—Now
USB0670	CMD Technology 800.426.3832	PCI-to-USB host-controller adheres to OpenHCI interface specification, can be used to retrofit PCI-based PCs with USB capability; PQFP-100.	\$6.75/100	Prod.—Now
PCI0646U	CMD Technology 800.426.3832	PCI-to-IDE interface chip supports high-speed 33-MB/s bus-master transfers; supports Ultra ATA disk drives; 5-V and 3.3-V versions.	\$7/100	Samples—Now Prod.—1Q97
MEMORY				
X88064	Xicor 408.432.8888	E ² PROM peripheral memory has 64-Kbit capacity with block-lock feature; bus interface is compatible with MCS251 microcontrollers.	\$4.50/10,000	Prod.—Now
HM5264405TT	Hitachi 800.285.1601	Synchronous DRAM runs at 100 MHz, has 64-Mbit capacity in ×4, ×8, and ×16 organizations, with two or four banks.	\$90/1,000	Samples—Now Prod.—2Q97
MCM69F737 MCM69F819	Motorola 512.933.7726	Fast static burst RAM devices include on-chip burst counter that increments addresses; for 117- and 166-MHz bus frequencies; with 4-Mbit capacity.	\$119/1	Samples—Now Prod.—1Q97
TC55V2325FF	Toshiba 800.879.4963	Synchronous pipeline-burst SRAMs have 2-Mbit capacity, 66-, 117- and 133-MHz bus frequency, and 32K×32 organization; for L2 caches.	\$17/1	Samples—1Q97 Prod.—2Q97
25Cxxx	Microchip 602.786.7668	Serial E ² PROMs have fast serial-peripheral interface (SPI) that runs at 3 MHz; uses 1.8–6.0-V supply; with 8K or 16K capacity.	\$1.08/1,000	Prod.—Now
MISCELLANEOUS				
32P4910 32P4915	Silicon Systems 800.624.8999	Advanced PRML read-channel ICs are pin-compatible with previous versions and upgrade performance to 200 ('10) or 240 ('15) Mbits/s.	\$15/1,000	Prod.—Now
PCA 3551A	ITT Intermetall 408.526.2082	Audio D/A and A/D converter is compatible with AC97 specification; signal/noise ratio >90 dB, three low-power modes, PQFP-48 package.	\$5.50/100,000	Samples—1Q97 Prod.—2Q97
VPX 3225D	ITT Intermetall 408.526.2082	Video decoder with Teletext for PC applications or data communications via television broadcast signal; in 44-lead PLCC package.	\$12.50/5,000	Samples—Now Prod.—1Q97
LX8580	Linfinity 714.898.8121	Low-dropout voltage regulator has 7-A capacity, generates variable supply for Pentium processors; in TO-220 package.	\$5.70/1,000	Prod.—Now
SYSTEM LOGIC				
OTI-64017	Oak 408.328.6899	Graphics accelerator for low-cost PCs has 64-bit engine; uses EDO, synchronous, or synchronous graphics DRAM; integrated RAMDAC.	\$11/10,000	Samples—Now Prod.—1Q97