

Recent IC Announcements

Part Number	Vendor	Description	Price/Quantity	Availability
Microprocessor				
Am186EMLV	AMD 800.222.9323	Low-voltage version of embedded 80C186-compatible processor operates from 3.3-V supply; in 100-lead TQFP and PQFP packages.	\$8.86/10,000	Prod.—Now
Interface				
KS0119	Samsung 800.446.2760	Digital NTSC encoder and RAMDAC has 32-bit video-input port; for digitized or computer-generated television output.	\$12/1,000	Prod.—Now
21140A	Digital 800.332.2717	Ethernet controller for PCI features new power-management modes, PCI 2.1 compatibility, and boot ROM support.	\$23.30/5,000	Samples—Now Prod.—1Q96
PI2C5001	Pericom 408.435.0800	100VG physical media device (PMD) is compliant with IEEE 802.12 and supplies four unshielded twisted-pair links; in PLCC-44.	\$25/1,000	Samples—Now Prod.—1Q96
VSC7120	Vitesse 805.388.3700	Fiber-channel repeater and hub chip combines clock-recovery, port-bypass, and signal-detect functions; in PQFP-52 package.	\$32/1,000	Samples—Now Prod.—1Q96
Memory				
M5M5256C	Mitsubishi 408.730.5900	Byte-wide SRAM uses 2.7-V supply to reduce power consumption to 95 mW, typical; with 32K×8 capacity and 100-ns access time.	\$5.35/1,000	Prod.—Now
HM67S3632	Hitachi 800.285.1601	1-Mbit synchronous SRAM has 6-ns cycle time for operation at speeds up to 167 MHz; organized as 32K×36; in 119-contact BGA package.	\$85/10,000	Samples—4Q95 Prod.—1Q96
AT24C21	Atmel 408.441.0311	Serial E ² PROM has two-wire interface, 1K capacity, and operates in VESA-defined DDC1 and DDC2 modes; 1,000,000-cycle endurance.	\$0.75/10,000	Prod.—Now
M5M5V278D	Mitsubishi 408.730.5900	Fast SRAM is organized as 32K×8 with 20-ns access time for cache memories or buffer applications; also in 12- and 15-ns speeds.	\$5.50/1,000	Samples—Now Prod.—1Q96
Miscellaneous				
TMPN3120E1M	Toshiba 800.879.4963	LonWorks neuron chip doubles E ² PROM capacity to 1K; 5.4 mm ² die consumes 85 mW (typical) when active; in 32-lead SOP.	\$6.50/10,000	Prod.—Now
ML4866	Micro Linear 408.433.5200	Step-down DC converter transforms 5-V supply to 3.3-V for battery-powered applications; up to 500 mA current with 90% efficiency.	\$2.60/1,000	Prod.—Now
REF191 REF198	Analog Devices 617.937.1428	Precision voltage references have 2.048-V ('191) or 4.096-V ('198) outputs with 2-mV maximum error rate; in SOIC-8 and DIP packages.	\$1.91/1,000	Prod.—Now
Peripheral				
AIC-8325	Adaptec 800.934.2766	UltraSCSI controller supports 40M/second transfer rate with improved ECC and PnP SCAM support; in 144-lead TQFP.	\$25/1	Samples—Now Prod.—1Q96
System Logic				
GT-64010	Galileo 408.451.1401	Core-logic chip for R4600, R4650, and R4700 MIPS processors has DRAM controller, DMA, 64-bit bus, and PCI interface; in PQFP-256.	\$49.95/10,000	Samples—Now Prod.—1Q96