

Recent IC Announcements

Part Number	Vendor	Description	Price/Quantity	Availability
DSP				
DSP56004	Motorola 512.891.2030	Fixed-point 24-bit DSP is available in 66-MHz speed grade, one-third faster than previous top speed; in 80-lead PQFP package.	\$16.80/100,000	Prod.—Now
Microprocessor				
AL220	Adaptive Logic 408.383.7200	Fuzzy-logic microcontroller has four analog inputs and controls four analog outputs for closed-loop control systems; in OTP and EPROM versions.	\$1.95/10,000	Prod.—Now
Interface				
Am79C983	AMD 800.222.9323	Integrated multiport repeater (IMR2) chip supports 14 Ethernet ports, including one reverse AUI port; for Ethernet hubs and switches.	\$40/1,000	Prod.—Now
Am79C988	AMD 800.222.9323	Quad integrated Ethernet transceiver (QuiET) provides four 10Base-T interfaces for IMR2 controller; includes receive and transmit filters.	\$11.95/1,000	Prod.—Now
HD153060	Hitachi 800.285.1601	Data-channel processor for partial-response maximum likelihood (PRML) recording supports data rates to 148 Mbytes/s; in 100-lead TQFP.	\$17/10,000	Samples—Now Prod.—4Q95
78Q8378	Silicon Systems 800.624.8999	Ethernet controller for PCMCIA cards supports PC Card 3.0 specification and includes 10Base-T interface and E ² PROM controller.	\$15/1,000	Prod.—Now
Memory				
HN58V257A	Hitachi 800.285.1601	Low-voltage E ² PROM features fast 120-ns read access time at 3.3 volts; 256-Kbit capacity (32K×8) and 100,000 minimum erase/write cycles.	\$9.45/10,000	Samples—4Q95 Prod.—1Q96
HM67M3632FP1	Hitachi 800.285.1601	Burst-mode SRAM operates at speeds up to 66 MHz for zero-wait-state L2 cache; organized as 32K×36; follows PowerPC linear burst order.	\$35/10,000	Samples—Now Prod.—3Q95
HY514260B	Hyundai 408.232.8338	Page-mode DRAM features fast, 50-ns read-access time; 4-Mbit device is organized as 256K×16; fabricated in 0.35-micron process.	\$19/1,000	Prod.—Now
μPD461318L μPD461336L	NEC 800.366.9782	Synchronous 1-Mbit SRAMs have very fast, 3-ns access time for speeds up to 200 MHz; in 64K×18 ('318) or 32K×36 ('336) organization.	\$110/10,000	Samples—Now Prod.—4Q96
IDT72423	IDT 800.345.7015	One-bit-wide FIFOs are available with 10-, 12.5-, 15-, and 25-ns read-access times; depths of 64, 256, and 512 bits; in 24-lead SOIC or DIP.	\$3.58/5,000	Prod.—Now
Miscellaneous				
MT8843	Mitel 612.592.2122	Caller ID chip supplies line-reversal and ring detection and dual-tone alert; compatible with worldwide telephone standards; in 24-pin DIP.	\$2.56/10,000	Prod.—Now
LT1239	Linear Technology 800.454.6327	Backup-battery management chip contains two regulators and a comparator to manage switchover to backup battery when main battery is removed.	\$5.50/1,000	Prod.—Now
Peripheral				
SYM53C810A	Symbios 800.334.5454	Intelligent SCSI controller for PCI operates on either 5-V or 3.3-V supplies; features active SCSI termination logic; in 100-lead PQFP.	\$22.40/10,000	Samples—Now Prod.—4Q95
Programmable Logic				
MACH210A MACH211	AMD 800.222.9323	Previously available in PLCC and PQFP packages, programmable logic devices are available in thin QFP packages for PCMCIA.	\$12.36/1,000	Prod.—Now