

Recent IC Announcements

Part Number	Vendor	Description	Price/Quantity	Availability
Interface				
PCnet-PCI II	AMD 800.222.9323	Ethernet controller chip for PCI bus features full-duplex operation; has bus-mastering interface; in PQFP-132 package.	\$22/1,000	Prod.—Now
LT1483	Linear Technology 408.432.1900	RS-485 transceiver features controlled slew rate and low power consumption of 120 μ A with outputs disabled; in DIP-8 package.	\$1.45/1,000	Prod.—Now
XL106	Exel 408.432.0500	Code-hopping transmitter encoder operates from 2.7–6.3-V supply; 50-nA standby current; 56-bit transmission code has 32 hopping bits.	\$1.20/10,000	Prod.—Now
S3015 S3016	AMCC 619.450.9333	SONET transmitter/receiver chip set implements physical layer for 155-Mbps SDH CMI or 139-Mbps E4 equipment; in 52-lead plastic packages.	\$65/1,000	Prod.—Now
Memory				
DS17485	Dallas 214.450.0470	Timekeeper RAM combines battery-backed SRAM, real-time clock, unique 64-bit serial number, and power-on/off circuitry for PCs.	\$8.40/1,000	Prod.—Now
HN29W3221	Hitachi 800.285.1601	First commercial AND-based flash memory has 4M capacity, organized as 4M \times 8 with 512-byte sector size and 50-ns read-access time.	\$150/1,000	Samples—Now Prod.—4Q95
MCM69P536 MCM69F536	Motorola 512.933.7726	Fast synchronous static RAMs include internal burst counter for Pentium, PowerPC, 68040, or 486 burst sequence; in 32K \times 36 organization.	\$50/10,000	Prod.—Now
MT4LC2M8F4DJ	Micron 208.368.4400	16-Mbit DRAMs have burst extended-data-out (EDO) interface for high-speed read accesses; chips are also available in modules.	\$55/1,000	Samples—Now Prod.—4Q95
μ PD43256B	NEC 800.366.9782	256-Kbit SRAM has small 28-lead TSOP package with 0.55-mm lead spacing, measuring 8 \times 13.4 mm, for portable applications.	\$3.85/10,000	Samples—Now Prod.—4Q95
X25F064	Xicor 408.432.8888	Flash devices are serially addressed over two-wire interface at 100 KHz; in 1K–8K densities in 0.9-mm-thick TSOP packages.	\$1.50/10,000	Prod.—Now
IDT7015	IDT 800.345.7015	Dual-port RAM is organized as 8K \times 9 with 17-ns access time; available in PLCC-68, TQFP-80, or 68-pin PGA packages.	\$26.95/5,000	Prod.—Now
Miscellaneous				
AD1812	Analog Devices 617.937.1428	SoundPort controller combines integer DSP, joystick port, MIDI port, and music synthesis into single chip for PC motherboards.	\$25/10,000	Samples—Now Prod.—4Q95
CS9223	Crystal 512.912.3416	Music synthesizer uses external ROMs for wave-table synthesis for PCs, games, and musical instruments; General MIDI compatible.	\$14.20/10,000	Prod.—Now
DS2434	Dallas 214.450.0470	Battery identification chip monitors and stores charge and temperature in 256-byte nonvolatile memory; in 3-pin package.	\$2.95/1,000	Prod.—Now
Peripheral				
ML6042	Micro Linear 408.433.5200	Integrated tape-drive interface chip combines inductive or magneto-resistive head functions for read and write channels; in SO-32.	\$8/1,000	Prod.—Now
Programmable Logic				
ATF20V8BQL	Atmel 408.441.0311	Low-power version of popular 20V8 PLD has 15-ns or 25-ns propagation delay, 35 mA of active current, 5 mA of maximum standby current.	\$0.88/10,000	Prod.—Now