

Recent IC Announcements

Part Number	Vendor	Description	Price/Quantity	Availability
DSP				
D950	SGS-Thomson 617.259.0300	Fixed-point 16-bit DSP core has dual 40-bit accumulators and barrel shifters with coprocessor interface; in 0.5-micron three-layer-metal.	\$10/10,000	Prod.—Now
Interface				
AIT1108E	AITech 800.882.8184	Chip converts computer-generated RGB video to NTSC or PAL television output and S-VHS; in PLCC-84 or PQFP-100.	\$59/10,000	Prod.—Now
ML6401	Micro Linear 408.433.5200	High-speed 8-bit A/D converter produces 20 million samples/s with 7 bits effective resolution; in 24-lead SOIC package.	\$6.75/1,000	Samples—Now Prod.—9/95
SMC91C94	SMC 516.273.3100	Ethernet controller for PCMCIA cards has 4,608 bytes on-chip RAM, PCMCIA and ISA interface logic, and 10BASE-T compatibility.	\$15/1,000	Prod.—Now
21052	Digital 800.332.2717	Second-generation PCI bridge chip offers lower power consumption and pin count than 21050, is compliant with PCI revision 2.0.	\$16.90/5,000	Prod.—Now
Memory				
DIMM-256	Smart Modular 510.623.1231	Dual-inline memory modules (DIMM) for Pentium L2 cache are available in 256K to 1M capacities for 50–66-MHz systems.	\$80/1,000	Prod.—Now
LH5332600N	Sharp 800.642.0261	Masked ROM has 32-Mbit capacity and fast 100-ns access time; organized as 4Mx8 or 2Mx16; in 0.6-micron 5-V CMOS.	\$30/1,000	Samples—Now Prod.—3Q95
Miscellaneous				
bq2050	Benchmark 214.437.9195	Battery-charge indicator IC is designed for lithium-ion batteries; provides both milliamp-hours and milliwatt-hours indication.	\$4.84/10,000	Samples—Now Prod.—8/95
bq2004E	Benchmark 214.437.9195	Charging manager works with NiCd, NiMH, and lithium-ion batteries; regulates voltage within 1%; in 16-lead, 150-mil SOIC package.	\$3.70/10,000	Prod.—Now
ICX074AL-6 ICX074AK-6	Sony 800.288.7669	Black-and-white ('AL) and color ('AK) CCD image sensors have square half-inch arrays, can process images at up to 60 fps.	\$260/1,000	Prod.—Now
ADM70x	Analog Devices 617.937.1428	Microprocessor supervisory circuits are available for both 5-V and 3.3-V CPUs, with active high or low reset pulse, individual thresholds.	\$0.97/1,000	Prod.—Now
Peripheral				
CL-FC1120	Cirrus Logic 510.623.8300	Single-chip controller for ATA Flash memory cards combines 80C51 microcontroller with PCMCIA control logic and interface circuitry.	\$35/1,000	Samples—Now Prod.—3Q95
FDC37C669	SMC 516.273.3100	Floppy-disk controller is Plug-and-Play compatible and includes IDE, enhanced parallel port, and two UARTs. In PQFP-100 package.	\$7/1,000	Samples—Now Prod.—3Q95
Programmable Logic				
MACH231-7	AMD 800.222.9223	CPLD has 128 macrocells with fixed 7.5-ns pin-to-pin delay; macrocells have power-down capability for low-power operation; in PLCC-84.	\$60.46/1,000	Prod.—Now
EPM9320	Altera 408.894.7000	EPLD has 320 macrocells and offers in-system programmability and JTAG boundary scan; with 15- and 20-ns T _{PD} ; in 84-lead PLCC.	\$119/100	Prod.—Now
AT17C65 AT17C256	Atmel 408.441.0311	Erasable EPROMs for configuring Xilinx and AT&T FPGAs come in 128-Kbit and 256-Kbit capacities; in DIP-8 and SOIC-20 packages.	\$2.25/10,000	Prod.—Now