

Recent IC Announcements

Part Number	Vendor	Description	Price/Quantity	Availability
Embedded Microprocessors				
73M2918	Silicon Systems 800.624.8999	8052-compatible microcontroller has virtual 550 UART, HDLC packetizer, and registers and hardware for Plug and Play.	\$10.24/1,000	Prod.—Now
Interface				
74FCT162H272	IDT 800.345.7015	Synchronous bus exchanger replaces several registered transceivers in 32-bit systems with interleaved memory; only 5-ns T_{PD} .	\$2.50/10,000	Prod.—Now
CS5509	Crystal Semi 512.912.3736	Single-channel A/D converter uses delta-sigma technology with 20-bit range, on-chip calibration, and 200-Hz sample rate in 16-pin package.	\$7.45/1,000	Prod.—Now
Memories				
CM0064DM-F050	Cubic Memory	High-density SIMM uses stacked DRAM die to pack 64M onto a single JEDEC-compatible 72-pin module. In 5-V and 3.3-V versions.	\$2,795/1	Samples—Now
CM0064DM-F033	408.438.1887			Prod.—3Q95
HM5241605TT	Hitachi 800.285.1601	Synchronous DRAM has 12-ns cycle time, allowing operation at 80 MHz. Monolithic chip has 4-Mbit capacity, with 16-bit data bus.	\$17.95/1,000	Samples—Now Prod.—2Q95
HM62C3232	Hitachi 800.285.1601	Synchronous SRAM has 8-ns access time for 66-MHz Pentium L2 cache; 3.3-V operation, 32K×32 organization allows 256K cache in two chips.	\$25/10,000	Samples—Now Prod.—2Q95
TC59R1809VK	Toshiba 800.879.4963	Rambus-compatible DRAM has 18-Mbit capacity organized as 2M×9, operates at 500 Mbytes/s, in 0.5-micron three-layer-metal process.	\$120/1	Samples—Now Prod.—3Q95
μPD461318L	NEC	Synchronous 1-Mbit SRAM has fast, 3-ns access time, useful for cache or buffer memory in RISC systems; organized as 64K×18 or 32K×36.	\$110/10,000	Samples—3Q95
μPD461336L	800.366.9782			Prod.—4Q95
Miscellaneous				
LT1587	Micro Linear 408.432.1900	Voltage regulator has fast transient response and high output current of 3 A, maximum. Output voltages of 3.3 to 3.6 V available; in TO-220.	\$3.22/1,000	Samples—Now Prod.—3Q95
Peripherals				
TNETE110	TI 800.477.8924	Low-cost ThunderLAN Ethernet controller chip has PCI and 10 BASE-T interfaces; is pin-compatible with TNETE100 device.	\$20/10,000	Samples—Now Prod.—2Q95
TNETE100	TI 800.477.8924	PCI-based ThunderLAN controller chip is compatible with 802.3U 100 BASE-T, 802.12 100VG-AnyLAN; pin-compatible with TNETE110.	\$30/10,000	Samples—Now Prod.—2Q95
78Q8377	Silicon Systems 800.624.8999	Ethernet controller chip has direct interface to ISA with Plug and Play support, uses serial EEPROM for configuration information.	\$15.50/1,000	Samples—2Q95 Prod.—3Q95
CY7C971	Cypress 408.943.2600	Single Ethernet controller chip supports 10 BASE-T and 100 BASE-T4 transmission standards over unshielded twisted-pair wiring.	\$25/1,000	Samples—Now Prod.—3Q95
Programmable Logic				
CY7C387A	Cypress	Field-programmable gate arrays have 8,000 equivalent gates and are compliant with PCI 2.0 at all speed grades; with 114 or 172 I/O pins.	\$92.75/1,000	Prod.—Now
CY7C388A	408.943.2600			
System Logic				
21130	Digital 800.332.2717	PCI-based video and graphics accelerator chip delivers full-screen 30 fps video in 1M of DRAM using proprietary AccuVideo encoding.	\$34.10/5,000	Samples—Now Prod.—3Q95
Rossini	Symphony Labs 408.986.1701	Core-logic chip set supports one or two Pentium-class processors up to 66 MHz, PCI, ISA, and EDO DRAMs; supports mixed 3.3/5-V systems.	\$26/10,000	Samples—Now Prod.—2Q95