

Recent IC Announcements

Part Number	Vendor	Description	Price/Quantity	Availability
Embedded Microprocessors				
MC19620	IBM 800.426.0181	New 40-MHz version of MC196 16-bit microcontroller features 1M address space, demultiplexed address and data buses, and external chip selects.	\$25/10,000	Samples—Now Prod.—4Q94
MSM64164	Oki 800.654.6388	New 4-bit microcontroller is available with built-in A/D converters, drivers for LCDs, OTP EPROM, up to 4K RAM. Versions for 1.5, 3, and 5 V.	\$3.41/10,000	Prod.—Now
8XL51FA	Philips 408.991.5207	Eight-bit microcontroller runs from 3-V supply, operates at 20 MHz, is 8051 code compatible. Includes 8K of OTP EPROM.	\$12/5,000	Samples—Now Prod.—4Q94
Interface				
92C350	Motorola 602.814.4560	Single chip interfaces up to six 32-bit slave peripherals to Sun S-Bus. Operates over full 16.67–25-MHz S-Bus speed range.	\$30/1,000	Samples—Now Prod.—4Q94
UPCI Series	NEC 415.965.6159	Family of ASICs includes PCI interface, supports 3.3-, 5-V and future signaling levels. Devices feature up to 223,000 available gates.	\$6/10,000	Samples—3Q94 Prod.—4Q94
78Q8373	Silicon Systems 800.624.8999	Single chip interfaces memory to PCMCIA bus and provides complete 10Base-T Ethernet capability, including AVI and transceiver.	\$19/100	Samples—2Q94 Prod.—4Q94
TC35813F TB32044F	Toshiba 800.879.4963	Chipset provides interface between PCMCIA bus and Token Ring networks. DMA controller handles linked lists, burst modes, and preempted cycles.	\$75/1,000	Prod.—Now
Memories				
MT5LC2568	Micron 208.368.3900	SRAMs organized as 32K×8, operate at 3.3 V. Devices achieve 12-ns access times, are sold in SOJ package.	\$10/100	Prod.—Now
MT58LC32K32	Micron 208.368.3900	Synchronous SRAMs, organized as 32K×32, operate at 3.3 V with 5-V tolerant I/O, achieve 5-ns pipelined access, 500-Mbyte/s transfer rate.	\$35/100	Samples.—Now Prod.—3Q94
MCM6246	Motorola 512.933.4141	SRAM organized as 512K×8 achieves 20-ns access times, operates from 5-V supply. Packaged in 400-mil, 36-pin SOJ.	\$262.50/1,000	Samples—Now Prod.—2Q94
KM732V588 KM732V592	Samsung 408.954.7274	Synchronous SRAM organized as 32K×32, supports clock speeds to 66 MHz. Specific versions work with Pentium and PowerPC processors.	\$22/100	Samples—3Q94 Prod.—1Q95
LH6P81T	Sharp 206.834.2500	Single chip combines RAM and ROM. Organized as 512K×16, achieves 80-ns random and 40-ns page-mode access times.	\$40/100	Samples—3Q94 Prod.—4Q94
Peripherals				
ADV715x	Analog Devices 617.937.1428	Family of RAMDACs combines three 10-bit DACs and color-palette RAM on single chip, available in five speed grades from 85–220 MHz.	\$51/1,000	Samples—Now Prod.—3Q94
Bt489	Brooktree 800.228.2777	RAMDAC supports images to 1600×1280 with 24-bit color at pixel rates to 200 MHz. Pixel port supports 64-bit-wide VRAM systems.	\$28/100	Samples—Now Prod.—3Q94
Programmable Logic				
MACH445	AMD 800.222.9329	PLD has 5,000 gates (128 macrocells) and 64 I/Os. Device supports both 5-V in-circuit programming and JTAG.	\$45.65/100	Samples—Now Prod.—3Q94
ATV2500B	Atmel 408.441.0311	PLD contains 24 macrocells with 17 product terms, each with a global AND/OR matrix, achieves 12-ns propagation delay.	\$19.75/100	Prod.—Now
System Logic				
CYBUS3384	Cypress 408.943.2600	Bus switch has 25-ohm on-impedance with 250-ps delay, allows disconnection of peripherals from system bus, interfaces 3-V and 5-V levels.	\$1.90/100	Prod.—Now