

Recent IC Announcements

Part Number	Vendor	Description	Price/Quantity	Availability
Interface				
PCnet	AMD 408.749.5730	Single chip incorporates both SCSI and Ethernet controllers, interfaces directly to PCI bus. Bus master capability. Software drivers available.	\$39.95/1,000	Samples—Now Prod.—2Q94
ML6672	Micro Linear 408.433.5200	ATM transceiver allows 155 Mbps over unshielded twisted pair. Includes adaptive equalization circuitry automatically tuned to each installation.	\$20/1,000	Prod.—Now
μPD98401 μPD98402	NEC 800.366.9782	ATM chip set implements 155-Mbps transmit and receive, DMA, and system-interface functions. Includes local buffers and management.	\$300/100	Samples—2Q94 Prod.—4Q94
Memory				
CY27C256	Cypress 408.943.2600	Family of 256-Mbit EPROMs organized as 32K8 in seven speed grades from 45–200 ns, windowed and nonwindowed DIP and PLCC packages.	\$3.75/1,000	Prod.—Now
HM5241605TT	Hitachi 800.285.1601	4-Mbit SDRAM organized as two banks of 128Kx16. Device uses 66-MHz burst rate to achieve 132-Mbyte/s bandwidth, uses LVTTTL interface.	\$29.50/100	Samples.—Now Prod.—2Q94
ECCSIMM	IBM 800.426.0181 ext. 901	Family of SIMMs has on-board ECC to correct single-bit errors with no performance loss at 70 ns. 72-pin SIMM available in 1M–8Mx36 sizes.	\$276/10	Samples—Now Prod.—1Q94
CXK784862Q	Sony 800.288.7669	Single-chip cache subsystem for 486 processors up to 50 MHz. Combines 256-Kbyte data RAM, 160-Kbit tag RAM, controller with write-through.	\$125/100	Samples—Now Prod.—1Q94
TC554161	Toshiba 800.879.4963	Family of 256Kx16 SRAMs with upper- and lower-byte selects in 85-ns and 100-ns speeds. Devices available in TSOP and Reverse TSOP.	\$180/1,000	Samples—2Q94 Prod.—3Q94
Peripherals				
bq3285	Benchmark 214.407.0011	Family of real-time clocks runs from 3-V power supply. Includes wake-up capability, 242 bytes nonvolatile RAM, 32-kHz output for green PCs.	\$3.80/10,000	Prod.—Now
NMG662534	New Media Graphics 508.663.0666	Vdeo windowing and overlay controller supports 1024x768 VGA display, YUV 2:1:1 and RGB 4:2:2 frame grabbing.	\$19/10,000	Prod.—1Q94
KDA0491	Samsung 800.446.2760	RAMDAC supports 24-, 16-, and 15-bit true color modes, 8-bit pseudo-color mode. Power-down mode retains RAM data. Auto monitor sense.	\$4.50/1,000	Prod.—1Q94
Programmable Logic				
QL16X24B	QuickLogic 800.842.3742	FPGA offers pin-to-pin delays under 7 ns. Macrocells organized in a 16x24 array yielding 4,000 usable gates with 122 I/Os.	\$87.50/1,000	Prod.—Now
System Logic				
ML6580	Micro Linear 408.443.5200	Bus transceiver uses analog design to achieve 1.5-ns propagation delay, gives faster settling time, and eliminates external damping resistors.	\$7/1,000	Samples—Now Prod.—2Q94
82C802G	OPTi 408.980.8178	Single-chip logic solution for 486-based PCs includes write-back cache, fast 8-bank DRAM controller, VL-bus controller, SMI, and stop-clock.	\$12/10,000	Prod.—Now
82C822	OPTi 408.980.8178	PCI bridge chip interfaces to OPTi 486 and Pentium chip sets. Supports four PCI slots, 16 PCI interrupt inputs, and flash PCI BIOS.	\$7/1,000	Prod.—Now
VL82C410 VL82C142	VLSI 602.752.6392	Two-chip set for 486-based subnotebooks includes CPU interface, four-bank DRAM controller, ECP parallel port, 16C550-type serial port.	\$30/10,000	Samples—Now Prod.—1Q94
VL82C146	VLSI 602.752.6392	PCMCIA controller is compatible with Intel 82365 register set. Implements single slot, may be cascaded for multiple slots. Supports hot swapping.	\$8.50/10,000	Samples—Now Prod.—1Q94