Recent IC Announcements

Part Number	Vendor	Description	Price/Quantity	Availability
Interface				
AD768	Analog Devices 617.937.1428	High-speed 16-bit DAC delivers 30 Msamples/s with an SFDR of 83 dB at 1 MHz, settling time is 25 ns (to 0.025%), uses 500 mW of power.	$19.95/1,000	Prod.—Now
CS8900	Crystal 512.442.7555	Single-chip Ethernet LAN controller meets IEEE 802.3 and ANSI 8802-3 requirements, includes analog and digital circuitry, in TQFP-100.	$14.95/1,000	Samples—Now Prod.—4Q94
21140	Digital 800.332.2717	PCI Fast Ethernet LAN controller offering both 10-Mbps and 100-Mbps ports, supports full-duplex on Fast Ethernet fiber links up to 2 km.	$39.50/5,000	Samples—4Q94 Prod.—1Q95
Am53C974A	AMD 408.732.2400	Single-chip SCSI with 32-bit DMA burst mode for PCI bus at 132 MBytes/s, 8-bit SCSI interface, with 10-MByte/s transfer rate.	$19.85/1,000	Prod.—Now
IDT77201	IDT 800.345.7015	ATM SAR controller interfaces directly to PCI local bus, provides continuous full-duplex at 155 Mbps, supports AAL types 3/4 and 5.	$80/1,000	Samples—1Q95 Prod.—1Q95
Memories				
µPD424210A	NEC 415.965.6000	Hyper-page-mode DRAM, 4 Mbits organized as 256K×16, transfers data at 100 Mbps, uses 5-V supply, packaged in SOJ and TSOP.	$22/1	Samples—Now Prod.—4Q94
TC55V328P/J-15	Toshiba 714.455.2000	High-speed SRAM, 256K organized as 32K×8, 15-ns speed, 3.3-V power, 100-mA operating current, in DIP-28 and SOJ-28 packages.	$5.50/1	Prod.—Now
Miscellaneous				
M48T18 M4T28	SGS-Thomson 617.259.0300	SRAM (64 Kbytes)/real-time clock in JEDEC SOIC package, and socketed 10-year lithium battery/crystal, permits battery backup for surface mount.	$10.03/10,000 $2.04/10,000	Prod.—Now
Programmable Logic				
EPM5128A	Altera 408.894.7000	First member of MAX 5000A EPLD family, 2,500 gates ,128 macrocells, 12-ns single-level delay, 0.65-micron CMOS packaged in PLCC-68.	$47.50/1	Prod.—Now
AT88SC220	Atmel 408.441.0311	Single-chip EEPROM plus gate array, the AT88SC000 family covers 1–16 KBits and 800–10,000 gates. This version has 2 Kbits, 2 K gates.	$2.95/10,000	Samples—Now Prod.—1Q95
CY7C342B	Cypress 408.943.2600	CPLD with 2,500 usable gates uses eight logic-array blocks, each with 16 macrocells, offers counter rates to 100 MHz, and 12-ns speed	$36.30/10,000	Prod.—Now
LVT22V10-7	Philips 800.447.1500x3000	PLD with 7.5-ns speed in BiCMOS, 3.3-V power with 5-V compatible I/O, outputs drive 32 mA, and supports live insertion.	$9.30/1,000	Samples—Now Prod.—4Q94
System Logic				
LapKit 51 LapKit 51LV	Xicor 408.432.8888	Chip set controls keyboard, display, and power and includes pre-programmed Intel 80C51SL microcontroller with field-alterable firmware.	$22.33/10,000 $25.00/10,000	Samples—Now Prod.—1Q95
KE5B064A1	KLSI 415.391.7242	CAM 64K address processor with 80-ns cycle time, configurable with 32- to 256-bit entry size, eight table configurations, cascadable to 32 devices.	$60/1,000	Samples—Now Prod.—4Q94
L6260	SGS-Thomson 617.259.2534	Hard-drive motion-control subsystem controller, with voice-coil positioner, spindle motor driver, power sequencing, dynamic braking, in a PQFP-64.	$6/25,000	Prod.—Now
Peripherals				
PSB 7280	Siemens 408.777.4500	Performs voice compression, encodes 64 Kbps (PCM) or 128 Kbps (linear) into a 16-Kbps ITU G-728 data stream. Also decodes and restores.	$30/50,000	Prod.—1Q95
PC View+	Trident 415.691.9211	Multimedia video processor supports MPEG CD-ROM playback acceleration, color dithering, and 1024 × 768 × 75 Hz non-interlaced resolution.	$20/10,000	Prod.—Now