

Recent IC Announcements

Part Number	Vendor	Description	Price/Quantity	Availability
Embedded Microprocessors				
VY86C610C-5 VY86C710	VLSI 408.434.3000	Two new members of the ARM 32-bit RISC processor family. The 710C operates at 40 MHz on 5 V, producing 500 mW, and is fully static.	\$17/10,000 \$20/10,000	Samples—Now Prod.—4Q94
73M2910 73M2910A	Silicon Systems 714.573.6200	Microcontroller for portable communications offers 32 bits of programmable I/O, 3.3 to 5.5 V supply, speeds of 22/34/44 MHz, and QFP/TQFP-100.	\$4/OEM	Prod.—Now
AT89C52	Atmel 408.441.0311	Enhancement of the AT89C51 uses static internal logic and offers speeds to 24 MHz. Available in PDIP-40, PLCC-44, and QFP-44.	\$14/1,000	Prod.—3Q94
Interface				
32C9600	Silicon Systems 714.573.6200	Storage interface controller with 4/8-bit-wide channel interfaces; supports transfer rates to 160 Mbps. Includes 16-bit buffer and two ECCs.	\$18/10,000	Samples—Now Prod.—4Q94
SL82C201	Symphony Labs 408.986.1701	Interface chip supports a variety of non-SCSI-based CD-ROM drives without changes to host system hardware or driver software.	\$3/10,000	Prod.—Now
Memories				
KM44C4100A KM41C16000A	Samsung 408-954-7000	16-Mbit DRAMs use 25% less space due to bonding pads center-placed to achieve 300-mil TSOP and SOJ.	\$59/1,000	Samples—Now Prod.—4Q94
TC5118180AJ	Toshiba 714.455.2000	DRAM organized as 1Mx18 allows reduced chip count due to inclusion of 1Mx2 parity. Available in 60/70-ns, 5 V, SOJ-42.	\$175/1	Prod.—now
M5M51288B	Mitsubishi 408.732.5900	Speed enhancement of 1M SRAM line with 15-ns, 0.6-micron CMOS device. Typical active current of 100 mA, standby 1 mA, on 5-V supply.	\$38/1,000	Samples—4Q94 Prod.—1Q95
AM29F400	AMD 408.732.2400	New 4M 5-V-only flash, user configurable to 512Kx8 or 256Kx16. Offers sector erase, standby current 25 μ A, with speeds to 70 ns.	\$16/1,000	Prod.—Now
Miscellaneous				
ML4890	MicroLinear 408.433.5200	DC-DC converter chip allows a single alkaline battery to power handheld products. Supplies 2.2 to 5.5 V at 100 mA with 2-mV ripple pk-pk.	\$2.95/1,000	Samples—Now Prod.—3Q94
AM79C410 AM79C411	AMD 800.292.9263	Two new functionally enhanced versions of the CT2 PhoX digital cordless-telephone baseband controller, backward-compatible, in a PQFP-100.	\$19.25/1,000 \$18.75/1,000	Prod.—Now
X9314	Xicor 408.432.8888	New digital audio potentiometer has logarithmic taper. End-to-end resistance is 10 K Ω , includes EEPROM, in DIP-8 or SOIC-8.	\$0.96/10,000	Prod.—Now
Programmable Logic				
EPF8452A	Altera 408.894.7000	Seven-member 0.8-micron FLEX 8000A PLD family boosts performance by 75% to over 70 MHz, with 2,500 to 16,000 usable gates.	\$29.95/100	Samples—Now Prod.—Now
ABT22V10-7	Philips 800.447.1500	Quiet 22V10 can reduce onboard noise by 50%. The 7.5-ns BiCMOS PLD drives 48 mA and has metastable-immune flip-flops.	\$8.80/1,000	Prod.—Now
System Logic				
Diana	Via Technologies 510-683-3300	Three-piece notebook PC chipset includes five previously discrete X-Bus peripherals, with speeds to 100 MHz, in 100/208-pin PQFPs.	\$20/10,000	Prod.—Now
CL-MD1414UN CL-MD1414UN	Cirrus 510.623.8300	Two-piece chip set for V.32bis international modem family. Speed is 14.4 Kbps, offered in VQFP-120 and VQFP-44 packages.	\$50/1,000	Samples—4Q94 Prod.—4Q94
ST101 ST104	SGS-Thompson 617.259.0300	Allows independent, concurrent routing of 10-Mbyte/s data streams, peak bandwidth of 300 Mbytes/s, and serial DS-link interface.	\$20/10,000 \$200/5,000	Prod.—Now