

Recent IC Announcements

Part Number	Vendor	Description	Price/Quantity	Availability
Interface				
K ²	Krypton Isolation 510.713.9100	All-silicon DAA chip set for PCMCIA or portable modem applications provides isolation to 1.5–2.0 KVDC. Meets CCITT, FCC standards.	\$8.50/10,000	Samples—4Q94 Prod.—1Q95
MC68840B	Motorola 512.891.3823	Enhanced FDDI chip set supports fiber and twisted-pair copper; in 25 MHz and 33 MHz. Includes 8K RAM buffer, DMA, and two 32-bit data ports.	\$59.95/10,000	Samples—Now Prod.—1Q95
Memories				
IDT7007	IDT 408.492.8620	256K dual-port SRAM with 25-ns access time, configured as 32K × 8, can replace two or more smaller SRAMs, in 80-pin TQFP package.	\$39.95/5,000	Prod.—Now
IDT72271	IDT 408.492.8620	Synchronous FIFOs, in 32K × 9 or 16K × 18, with 8- to 12-ns access times, feature programmable flags, partial reset, retransmit feature.	\$30.65/1,000	Prod.—Now
KM732V588	Samsung 408.954.7228	One-megabit synchronous SRAM with pipelined burst read at 3.3 V. Tailored for interleaved-burst ('588), or linear-burst ('592) processors.	\$24/Samples	Samples—Now Prod.—1Q95
KM732V592				
W68C254V	IC Works 408.922.0202	Very low power SRAM operates from 2.0–2.7 V supply. 32K × 8 organization with 200-ns speed, 25-μA standby current. SOIC or TSOP.	\$4.95/1,000	Prod.—Now
HM62864	Hitachi 800.285.1601	Medium-size 64K × 8 SRAM offers alternative to 32K × 8 or 128K × 8 chips. Speeds of 70 or 80 ns, and low 0.6-μA data-retention current.	\$6.25/1,000	Prod.—Now
M624256	SGS-Thomson 617.259.2527	256K × 4 SRAM in 400-mil SOJ-28 package. Speed grades of 17, 20, and 25 ns available. Low 4-mA power consumption in standby.	\$26/1,000	Prod.—Now
Miscellaneous				
bq2014	Benchmark 800.966.0011	Gas gauge estimates remaining battery life by measuring charge into and out of NiCd cells. Includes internal temperature, voltage sensors.	\$4.85/10,000	Prod.—Now
Peripherals				
W30C516-135	IC Works 408.922.0202	ZoomDAC provides hardware zoom for Video for Windows applications, with 2D tracking filter, 1280 × 1024 × 16 pixel resolution, in PLCC-44.	\$15/10,000	Prod.—Now
OmniWave	Samsung 408.954.7228	Intelligent audio processor for multimedia applications, with 32-voice wavetable synthesizer, memory and codec interfaces, and MIDI UART.	\$17.25/10,000	Samples—1Q95 Prod.—2Q95
CL-ST1000	Cirrus Logic 510.226.2147	Two-chip set for PCMCIA/ATA flash-disk emulation, including voltage manager, flash control logic, microcontroller interface, and ECC.	\$22/1,000	Samples—Now Prod.—1Q95
CL-ST2000				
Programmable Logic				
PLUS105-70	Philips 505.822.7830	PLD features 70-MHz state machine operation, 100-MHz internal clock, supports if-then-else state transitions, in PLCC-28, DIP-28.	\$12.35/1,000	Prod.—Now
PAL22V10G-4	Cypress 408.943.2817	22V10 PLD with 4-ns speed in 0.5-micron BiCMOS, 166-MHz external clock frequency, 2.5-ns setup time, in PLCC-28 package.	\$13.45/10,000	Prod.—Now
PALCE16V8	Cypress 408.943.2817	Reprogrammable PLD is functionally compatible with 16V8 GAL devices. Available in DIP, LPCC, CLCC and QSOP packages.	\$0.60/25,000	Prod.—Now
System Logic				
IBM27-82351	IBM Microelectronics 800.426.0181	PCI-to-PCI bridge chip permits increased number of PCI expansion cards, compliant with PCI 2.0; both 3.3-V and 5-V operation, in PQFP-160.	\$21.50/1,000	Samples—Now Prod.—4Q94
Viper	OPTi 408.980.8178	Core-logic chip set for Pentium-class computers with PCI, supports dual CPUs from Intel, AMD (K5), or Cyrix (M1). 3.3-V and 5-V operation.	\$30/100,000	Samples—Now Prod.—4Q94