RECENT IC ANNOUNCEMENTS

PART NUMBER	VENDOR	DESCRIPTION	PRICE/QUANTITY	AVAILABILITY
MICROPROCESSOR				
SAB-C515C	Siemens 800.777.4363	Microcontroller is 80C32-compatible and includes CANbus 2.0B controller with 15 message memories, improved EMC immunity, RAM, and ROM.	$10.80/1,000	Samples—Now Prod.—1Q97
ST6203	SGS-Thomson 617.259.0300	Eight-bit microcontroller has on-chip A/D converter, high noise immunity, OTP ROM, timer with prescaler, and local RAM; in 16- and 20-lead SOL.	$0.77/100,000	Prod.—Now
M16C/60	Mitsubishi 408.730.5900	New 16-bit MCU runs at 7 MHz at 2.7 V, dissipates 18 mW; DMA control, 10-bit A/D converter, CRC circuit, timers, and two full-duplex UARTs.	$7.50/1,000	Samples—Now Prod.—1Q97
68SC302	Motorola 512.891.2429	Modified 68302 microprocessor for ISDN adapters does not include 68000 CPU core, relies on protocol engine for ISDN basic-rate protocol handling.	$13.95/1,000	Samples—Now Prod.—4Q96
µPD78403x	NEC 800.366.9782	Microcontroller has 16-bit CPU, 2K–4K RAM and 0K–128K ROM, UARTs, I^2C, PWM, and A/D; operating frequencies reach 32 MHz.	$11.75/25,000	Prod.—Now
INTERFACE				
LUC3X01	Lucent 800.372.2447	Physical-layer 100Base-T4 supports IEEE 802.3µ Fast Ethernet specification over three, four, or five unshielded twisted pairs; 5-V supply; in PLCC-84.	$21.50/5,000	Prod.—Now
MEMORY				
IDT7027	IDT 800.345.7015	Large dual-port SRAM has 512-Kbit capacity, organized as 32K×16, with 25-ns access time; packaged in 100-lead TQFP package.	$42.35/10,000	Prod.—Now
HM71V832	Hitachi 800.285.1601	Ferroelectric RAM (FRAM) is nonvolatile, has 32K×8 capacity, 150-ns access time, 235-ns write time, and 30-mA active current; in TSOP-28.	$9/10,000	Samples—Now Prod.—1H97
24AA32A	Microchip 602.786.7668	Serial E^2PROM runs on 1.8–6.0-V supply, has 32K capacity, uses two-wire I^2C interface with hardware write protect; with 1 million erase/write cycles.	$1.55/1,000	Prod.—Now
MCM69C232 MCM69C432	Motorola 512.933.7726	Content-addressable memory (CAM) chips offer 4K×64 ('232) or 16K×64 ('432) capacity, with 160-ns match time, 50-MHz clock, 3.3-V supply.	$19/25,000	Samples—1Q97 Prod.—2Q97
MPC2604GA	Motorola 512.933.7726	Integrated L2 cache module for PowerPC processors includes 32K×36 array, tags, and cache-control logic; two devices required for 64-bit buses.	$58/1,000	Prod.—Now
HN29W6411	Hitachi 800.285.1601	Flash-memory device has disk-like features, with 5-µs initial access time and 50-ns subsequent access time, 512-byte sectors, 8-Mbyte capacity.	$65/10,000	Samples—Now Prod.—1Q97
MISCELLANEOUS				
PM-2m	Pixel Magic 508.470.8830	Multifunction image processor for office equipment performs G3, G4, and JBIG image compression, scaling, and rotation.	$22/25,000	Prod.—Now
CS4226	Crystal Semi 512.912.3351	Surround-sound codec supports Dolby Digital AC-3 and Pro Logic formats; with stereo A/D, six D/A converters, and S/PDIF receiver.	$32/1,000	Prod.—Now
PROGRAMMABLE LOGIC				
MACH111SP	AMD 800.222.9323	CPLD offers in-circuit serial programming (ISP), 7.5- to 15-ns gate delays, 32 macrocells, and 32 I/O pins; in PLCC-44 or TQFP-44 packages.	$4.95/1,000	Prod.—Now
SYSTEM LOGIC				
VRC4371 VRC4372	NEC 800.366.9782	Core-logic chip set for R4300 microprocessor includes PCI controller, memory controller, and DMA controller ('71) and ISA bridge, DMA ('72).	$20/5,000	Prod.—Now