

Recent IC Announcements

Part Number	Vendor	Description	Price/Quantity	Availability
General-Purpose Microprocessors				
Am486SX Am486XLV	AMD 408/732-2400	AMD's version of the 486SX processor. 'SX operates up to 40 MHz at 5V; 'SXLV operates up to 33 MHz at 3.3V.	\$185/1K (either)	Prod.—3Q93
Embedded Microprocessors				
MC19610	IBM 914/766-1900	Independent second-source of Intel's 8096 16-bit embedded controller, with 32K ROM and 1K RAM. Speed is 20 MHz.	\$11-14/10K	Prod.—Now
Z86x63 Z86x64	Zilog 408/370-8000	New Z8-family parts with 256 bytes RAM, 32K ROM ('C63, 'C64) or 32K OTP ROM ('E63, 'E64), UART, and 32 ('63) or 52 ('64) parallel I/O lines. Speeds are 16 and 20 MHz.	\$5.67/100K ('C63, 16 MHz)	Prod.—9/93 ('C63, 'C64)
MTA81010	Microchip 602/786-7200	Two-chip module containing a PIC16C54 8-bit microcontroller and a 24LC01B 128-byte serial EEPROM.	\$3/10K	Prod.—Now
Memory				
MSM 5142x0 MSM 514x00	Oki 408/720-1900	256K × 16 ('260), 256K × 18 ('280), 512K × 8 ('800), and 512K × 9 ('900) DRAMs. Speeds are 70, 80, and 100 ns.	\$14.75/10K (80 ns)	Prod.—1Q94
KM616513 KM616x002	Samsung 408/954-7000	32K × 16 ('513), 64K × 16 ('1002), and 256K × 16 ('4002) SRAMs. Speeds are 15 ('1002 only), 17 ('513 only), 20, 25, and 35 ns ('4002 only). '513 is available for 3.3V power at 20 and 25 ns.	\$32/1K ('1002, 20 ns)	Samples—Now
M5M5256C	Mitsubishi 408/730-5900	Version of existing 32K × 8 SRAM with improved power. Typical standby is 0.1 μA. Speeds are 55, 70, 85, 100, and 120 ns.	\$3.95/10K	Samples—Now Prod.—3Q93
AT28C16-T	Atmel 408/441-0311	2K × 8 EEPROM in TSOP package, intended for PCMCIA cards. Speeds are 150, 200, and 250 ns.	\$3.65/10K (250 ns)	Prod.—Now
Peripheral Chips				
32C9302	Silicon Systems 714/573-6200	Floppy disk controller for 3.3V or 5V. Implements ANSI's proposed ATA superset of IDE interface, including linear block addressing (LBA). Speed is 48 Mbit/s disk interface, 6 Mword/s IDE interface.	\$17/1K	Samples—Now Prod.—3Q93
CL- MD1414ECx	Cirrus Logic 510/226-4514	Two-chip set for data/fax modems up to 14.4 kbaud. 'ECP is for PCMCIA interface, 'ECT is for serial interface.	\$85/1K ('ECT)	Prod.—8/93
Programmable Logic				
PALCE16V8H-5	AMD 408/749-5703	5-ns electrically-erasable version of popular 20-pin PLD.	\$6.05/1K	Prod.—Now
PALCE22V10 H-7	AMD 408/749-5703	7-ns electrically-erasable version of popular 24-pin PLD.	\$12.10/1K	Prod.—Now
Interface				
CXB1561Q-Y	Sony 800/288-7669	Fiber-optic receiver chip integrating reshaping, regeneration, and retiming for SONET and Fiberchannel up to 622 Mbit/s.	\$40/1K	Samples—Now Prod.—11/93
CMOS-8 CMOS-8L	NEC 415/965-6000	Gate array with 233k raw gates ('8) or 627k gates ('8L). '8 is for 5V operation, '8L is for 3V. Available with 2 or 3 metal layers.	\$22/10K	Prod.—Now
PI5C3xxx	Pioneer 408/435-0800	Bus switches with 2, 3, 4, or 5 ports, packaged in 20- and 24-pin SOPs. Prop. delay said to be "virtually zero"; resistance 5 W.	\$2.95/100	Prod.—Now
PI49FCT80x	Pioneer 408/435-0800	Dual 5-output clock buffers. '805 is non-inverting, '806 inverts. 0.7-ns skew between outputs, same transition (i.e., L-H or H-L).	\$7.95/10K	Prod.—Now
ML4873	Micro Linear 408/433-5200	DC-DC converter with 5V to 30V input, 3.3V, 5V, and 12V outputs. Maintains regulation at low loads, for powered-down devices.	\$4.20/1K	Samples—Now Prod.—9/93
AD875	Analog Devices 617/937-1428	10-bit, 15-MHz A/D converter developed with Sony for use in CCD video cameras.	\$21.15/1K	Prod.—Now