

Recent IC Announcements

Part Number	Vendor	Description	Price/Quantity	Availability
General-Purpose Microprocessors				
Cx486DRx2	Cyrix 800.527.4614	486-like clock-doubled processor with 386DX-style footprint. Marketed by Xerox for Cyrix (number shown is for Xerox).	\$399/1 (25/50 MHz)	Prod.—Now
Embedded Microprocessors				
μPD7800x μPD7801x	NEC 800.366.9782	Low-end 8-bit microcontrollers with up to 16K ROM ('00) or 32K ROM ('01). Operates from 2.7 to 6 V. '01 has 8-bit ADC.	\$7.75/10K ('01)	Prod.—Now
Z86L72	Zilog 408.370.8000	Member of Z8 family of 8-bit microcontrollers intended for remote controls. 16K ROM, 768 bytes RAM. Operates down to 2 V.	\$4/100K	Prod.—10/93
Memory				
KM48xxx00 KM416xxx00	Samsung 408.954.7000	2M × 8 (KM48') and 1M × 16 (KM416') DRAMs for operation at 3 or 5 V. Speeds are 60 (48' only), 70, 80, and 100 (416' only) ns.	\$155/100 (416, 70 ns)	Samples—Now Prod.—3Q93
STK12C68	Simtek 719.531.9444	8K × 8 SRAM with on-chip EEPROM backup. On power loss, data is copied to EEPROM. Speeds are 30, 35, and 45 ns.	\$10.49/1K	Prod.—Now (45 ns)
24AAxx	Microchip 602.786.7200	1.8 V serial EEPROMs in 1- ('01), 2- ('02), 4- ('04), 8- ('08) and 16-bit ('16) sizes. 3 μA typical standby current.	\$2.14/1K	Prod.—Now ('16)
M5M28F400	Mitsubishi 408.730.5900	256K × 16 flash memory for 5-V operation. 30 mA maximum power. 12 V req'd for erase and prog. Speeds are 100, 120, and 150 ns.	\$40/10K (100 ns)	Samples—Now Prod.—4Q93
M66251 M66253	Mitsubishi 408.730.5900	5K × 8 FIFOs. Speed is 30 ns access, 40 ns cycle.	\$10/1K ('251)	Prod.—Now
Peripheral Chips				
82C611	Opti 408.980.8178	32-bit VL-Bus compatible SCSI interface chip. Transfer rate up to 10 Mbyte/s.	\$6/1K	Samples—Now
92C108	Opti 408.980.8178	32-bit VL-Bus compatible SCSI interface chip with bus master capability. Transfer rate up to 40 Mbyte/s.	\$62/1K	Prod.—9/93
Supernet 2 chip set	AMD 408.749.5703	Four-chip set for twisted-pair FDDI interface. Speed is 100 Mbps. Upward-compatible and same price as Supernet 1.	\$20/1K	Samples—Now
ML4644	Micro Linear 408.433.5200	Ethernet multiplexer capable of handling four attachment unit interfaces (AUIs) sharing one Ethernet transceiver.	\$12.54/1K	Prod.—Now
SA7189 SA7196	Philips 408.991.4577	Digital YUV-to-NTSC, PAL, or S-video converter ('7189) and digital video decoder, scaler, and clock generator ('7196).	\$29/1K ('89) \$32/1K ('96)	Prod.—Now
Interface				
MT8841	Mitel 613.592.2122	Caller ID decoder chip with serial interface.	\$2.78/1K	Samples—Now
ADXL50	Analog Devices 617.937.1428	Micromachined silicon accelerometer with integral signal conditioning circuitry. 5-V operation, analog output.	\$39/100	Prod.—Now
TMP-01	Analog Devices 617.937.1428	Thermostat chip with integral temperature sensor and open-collector outputs. Programmed with external resistors.	\$2.75/100	Prod.—Now
ADM69x	Analog Devices 617.937.1428	Microprocessor supervisory circuits for power management. Second-source of popular devices from Maxim.	\$1.95/5K	Prod.—Now
AD1890 AD1891	Analog Devices 617.937.1428	20- ('90) and 16-bit ('91) serial A/D converters for high-end audio use. Includes on-chip DSP filtering and buffering FIFO.	\$34/1K ('1890)	Prod.—Now
AD7008	Analog Devices 617.937.1428	Integrated 10-bit DAC and digital synthesis circuit for RF telecom, modems, and spread-spectrum.	\$20.25/1K	Prod.—Now