

Recent IC Announcements

Part Number	Vendor	Description	Price/Quantity	Availability
Embedded Microprocessors				
68F333	Motorola 512/891-3465	16.78-MHz 68020-based microcontroller with 64K flash EEPROM, 4K RAM, 8-channel 10-bit A/D converter, serial I/O, etc.	\$98.21/10K	Samples—Now
68HC916X1 68HC916Y1	Motorola 512/891-3465	68HC16-based microcontrollers with 48K flash EEPROM. 'X1 has 2K RAM, 6-channel 10-bit A/D converter, UART, etc. 'Y1 has 4K RAM, 8-channel 10-bit A/D converter, two UARTs, etc.	\$70/samples ('X1)	Samples—1Q93
M37702 M380xx	Mitsubishi 408/730-5900	M37702 is a 16-bit microcontroller with 48K ROM and 1K RAM. M380xx are 8-bit with 32K ROM and 640 bytes RAM. Min. instruction cycle is 500 ns for 8-bit, 160 ns for the '7702.	\$6.45/10K (M380xx) \$25.80/10K (M37702)	Prod.—Now
KS88C01xx	Samsung 408/954-7000	8-bit microcontrollers with 8K ('08), 16K ('16), or 32K ('32) ROM, 336 bytes RAM, 8-channel 8-bit A/D converter, etc.	\$3.99/100K ('08) \$5.99/100K ('32)	Prod.—Now
Memory				
X20C1x X22C1x	Xicor 408/432-8888	SRAM with EEPROM for nonvolatile storage, organized as 64 × 4 ('22C10), 256 × 4 ('22C12), or 2K × 8 ('20C16, '20C17).	\$8.75/1K (20C17, 55 ns)	Prod.—Now
SN74ABT7819	TI 214/995-6611 x3990	512 × 18 bidirectional FIFO. Speeds are 33, 50, 67, and 80 MHz.	\$51.85/1K (33 MHz)	Prod.—Now
Peripheral Chips				
Am53C94LV	AMD	3.3V version of existing SCSI controller.	\$15.65/1K	Prod.—Now
FC-200 FC-265	TriQuint 408/982-0900	Three-device GaAs serial I/O chip sets for Fiber Channel ('265) and IBM's ESCON ('200). Speed is 265 Mbaud (Fiber Channel).	\$119.50/100	Prod.—Now ('265)
SQ3214	Sierra Semi. 408/263-9300	Four-chip set for data and fax modems. Includes support for V.32bis, V.32, V.17, V.29 at speeds up to 14.4 kbits/sec.	\$93/10K	Prod.—Now
ST8003 ST8004	Sierra Semi. 408/263-9300	Speech recognition/sound synthesizer chip sets for PCs. '8003 includes 512 Kbyte sound library; '8004 includes 1M.	\$65/10K ('8003)	Samples—10/92
VG-660	Vadem 408/943-9301	VGA graphics controller for LCD panels.	\$9.98/30K	Samples—10/92
DS164x	Dallas Semi. 214/450-0448	Real-time clock chips with up to 512K nonvolatile RAM in JEDEC-compatible footprint.	\$13.74/5K (8K × 8)	Prod.—Now (up to 8K)
System Logic				
VL82C316 VL82C323	VLSI Tech. 602/752-8574	Two-chip set for 386SX-based notebook PCs with power management up to 33 MHz.	\$30/5K	Prod.—Now
ET9000 Jaguar	Eteq 408/432-8147	Single-chip system logic for AT-compatible 386DX- and 486-based systems with copyback cache.	\$15/10K	Samples—Now Prod.—10/92
ET6000 Cheetah	Eteq 408/432-8147	Single-chip system logic for AT-compatible 386DX- and 486-based systems.	\$12/10K	Prod.—Now
ET2000 ET-1	Eteq 408/432-8147	Four-chip set for 386DX- and 486-based EISA systems with copyback cache.	\$50/10K	Samples—4Q92 Prod.—4Q92
ET5000 Koala	Eteq 408/432-8147	Power management and LCD power sequencer chip for Eteq's PC chip sets.	\$12/10K	Prod.—Now
ET391SX FireFox	Eteq 408/432-8147	Single-chip system logic for AT-compatible 386SX-based systems with copyback cache.	\$12/10K	Samples—11/92 Prod.—11/92
Programmable Logic				
EPF81188	Altera 408/894-7000	First member of new family of large PLDs. Equivalent to 12,000 usable gates. Packaged in 232-pin PGA.	\$198/1K	Samples—4Q92 Prod.—2Q93
MACH215	AMD 408/982-7880	PLD with 256 product terms and 32 output macrocells. Speeds are 12, 15, and 20 ns.	\$14.73/100 (15 ns)	Prod.—Now
Interface				
TEA1100	Philips-Signetics 408/991-4519	Battery management chip for NiCd and NiMH batteries.	\$3.50/1K	Prod.—Now