

Recent IC Announcements

Part Number	Vendor	Description	Price/Quantity	Availability
General-Purpose Microprocessors				
68040	Motorola 512/891-2035	Much-delayed 40-MHz speed grade of popular 68040 microprocessor.	\$393/1000	Prod.—Now
Embedded Microprocessors				
SMJ320E14	TI 800/477-8924 x3109	Mil-spec version of 16-bit integer DSP. Typical instruction is four cycles of 20.5 MHz clock. Includes 512 bytes RAM, 8K EPROM.	\$194/100	Prod.—Now
Memory				
WS57LV291C	WSI 510/656-5400	2K × 8 windowed EPROM for operation at 3.3V. Speeds are 70 and 90 ns.	\$6.30/100 (70 ns)	Prod.—Now
ICW88C2x0	IC Works	× 8 ('2x0) and × 9 ('2x1) FIFOs in depths from 512 words to 4K. Cycle time is 15 ns.	\$28/1K	Prod.—Now
ICW89C2x1	408/922-0202		(4K × 9)	
Peripheral Chips				
OPL4	Yamaha	Integrated version of earlier OPL2 and OPL3 audio synthesizer chips. Up to 24 voices in stereo. '225 is optional special effects chip.	\$29/10K	Samples—Now
YSS225	408/437-3133		(OPL4)	
SAA7194	Philips 800/447-1500 x3004	Video processing chip for inserting live video into a window of a computer display. Integrates SAA7186 and SAA7191.	\$30/10K	Prod.—Now
SA5222	Philips	Fiber Distributed Data Interface (FDDI) receiver chip set. Bandwidth is 165 MHz.	\$14/1K	Prod.—Now
SA5224	800/447-1500 x3005		(per set)	
CL-MD9624EC2	Cirrus 510/249-4514	Fax modem chip set with telephone emulation capability. Speed up to 2400 baud data, 9600 baud fax (using data compression).	\$30/1K	Samples—6/93
System Logic				
VL82C483	VLSI Tech. 602/752-6202	Single-chip system logic for 486-based AT-compatible motherboards. Includes copyback cache controller and support for Intel SMI mode.	\$22/10K	Samples—3Q93 Prod.—4Q93
Programmable Logic				
XC4013	Xilinx 408/559-7778	FPGA with 13,000 usable gates, organized as 576 configurable logic blocks.	\$822/100	Prod.—Now
Interface				
ML4663	Micro Linear 408/433-5200	Single-chip fiber-optic Ethernet transceiver, compatible with IEEE 10BASE-FL specification. Speed is 10 Mbps.	\$21/1K	Prod.—Now
IDT	IDT	16-bit bus transceiver with on-chip parity generation. Propagation delay is 4 or 5 ns (7.5 or 9 ns for parity).	\$8.08/1K	Samples—Now
74FCT162511	800/345-7015		(4 ns)	
Bt467	Brooktree 619/452-7580	256 × 24 triple RAMDAC for RGB color displays, upward-compatible from Bt458. Speeds are 135, 170, and 230 MHz.	\$125/100 (230 MHz)	Prod.—Now
ADV7128	Analog Devices 617/937-1428	10-bit DAC with single-supply operation. Speeds are 30, 50, and 80 MHz.	\$7.60/1K (80 MHz)	Prod.—Now
AD777x	Analog Devices 617/937-1428	10-bit ADC with single-supply operation. Conversion time is 2.5 μs.	\$7.86/1K	Prod.—Now