

Recent IC Announcements

Part Number	Vendor	Description	Price/Quantity	Availability
General-Purpose Microprocessors				
A38403	Austek 408/988-8556	Writeback cache controller with on-chip tag RAM for 486 systems. Cache size is 64K, 128K, or 256K organized as 2- or 4-way set-associative. Speeds are 25, 33, and 50 MHz.	\$74.10/2500 (50 MHz)	Prod.—Now
VL82C425	VLSI Tech. 602/752-6200	Writeback cache controller for use with the VL82C486 single-chip PC system logic for the 486 up to 33 MHz.	\$9/10K	Samples—2Q92 Prod.—3Q92
Embedded Microprocessors				
ADSP-21010	Analog Devices 617/461-3672	Low-cost version of 21020 32-bit floating-point DSP. This version is half as fast, and lacks 40-bit operations.	\$49.90/100	Samples—4/92 Prod.—6/92
ADSP-2101-66	Analog Devices 617/461-3672	Faster version of existing 2101 integer DSP. Instruction cycle time is 60 ns (25% faster).	\$61/1K	Prod.—Now
Memory				
TC551664-J	Toshiba 714/455-2000	Volume production of 64K × 16 SRAM. Speeds are 15, 20, and 25 ns.	\$118/1K (15 ns)	Prod.—Now
MCM62110	Motorola 512/928-7726	32K × 9 SRAM with parity and on-chip input, output, and address latches. Speeds are 17 and 20 ns.	\$32.60/1K (17 ns)	Prod.—Now
μPD46710ALN	NEC	16K × 10 × 2-way ('710) and 8K × 20 × 2-way ('741) cache data SRAMs for use with MIPS R3000 processor. Speeds are 12 and 15 ns, which correspond to 40 and 33 MHz CPU clock.	\$65/10K (12 ns)	Prod.—Now
μPD46741ALP	415/960-6000		\$33/10K (15 ns)	
CY7B180	Cypress	4K × 18 cache tag RAM. Address-to-match time is 12 ns. '180 includes status bits to support MESI protocol.	\$72.05/100	Samples—Now
CY7B181	408/943-2600			Prod.—1Q92
CXB10147x	Sony	1K × 4 ('474 and '476) and 4K × 4 ('484 and '486) ECL SRAMs. '474 and '484 are asynchronous; '476 and '486 are synchronous. Speeds are 3 and 4 ns, respectively.	\$40/5K ('474, '476) \$160/samples ('484, '486)	Samples—1Q92
CXB10148x	714/229-4197			Prod.—3Q92 ('474, '476)
Peripheral Chips				
Z80230	Zilog 408/370-8000	Serial communications controller for multiplexed-bus CPUs, based on Z8030. Speeds are 10 and 16 MHz.	\$15.71/100 (10 MHz)	Prod.—Now
TMS380C26	TI 214/995-6111 x3990	Dual-protocol (Ethernet/IEEE 802.5 token ring) network interface.	\$58.80/10K	Prod.—Now
EOIC	Microsym 416/293-8263	Combination interface chip (serial I/O, PC/AT keyboard, magnetic stripe reader, keypad, real-time clock, etc.) based on programmed version of 68HC05.	\$15.86/10	Prod.—Now
Programmable Logic				
PLUS105-55	Philips-Signetics 408/991-2339	28-pin microsequencer with 16 inputs, 6 buried registers, and 8 registered outputs. Speeds are 45 and 55 MHz.	\$14.20/100 (55 MHz)	Prod.—Now
Interface				
PMB2200	Siemens	Digital RF transmitter ('200) and receiver ('400). Carrier is 700 MHz to 1 GHz. Bit rate is 500 kHz.	\$7.85/1K (either chip)	Prod.—Now
PMB2400	408/980-4536			
M505xx	Mitsubishi 408/730-5900	LCD panel controllers and drivers. Up to four lines of ten 5 × 8 or 5 × 12 characters.	\$7.50/10K (2-chip set)	Prod.—Now
LTC1272	Linear Tech. 408/432-1900	Enhanced implementation of Analog Devices AD7572 12-bit A/D converter. New features are single-supply operation, sample-and-hold, and low power. Conversion times are 3 and 5 μs.	\$38.45/100 (3 μs)	Prod.—Now