

Recent IC Announcements

Part Number	Vendor	Description	Price/Quantity	Availability
Embedded Microprocessors				
M37451 family	Mitsubishi 408/730-5900	Migration of earlier M37450 8-bit microcontrollers to a 1 micron process. Speed increased to 12.5 MHz. ROM sizes are 8K, 16K, and 24K.	\$8.92/25K (24K ROM)	Prod.—Now
Memory				
TMS44800	TI	512K × 8 ('800) and 256K × 16 ('160, '44165, '45165)	\$18/1K	Prod.—Now
TMS44165	214/995-6611	x3990 DRAMs. Speeds are 60 ('800 only), 70, 80, and 100 ns.	(all speeds)	
TMS4516x				
KM23C32000	Samsung 201/229-7000	Mask ROM configurable as 4M × 8 or 2M × 16. Speed is 150 ns.	contact factory	Samples—4Q92 Prod.—1Q93
CY7B201	Cypress	64K × 16 ('210, '211) and 128K × 8 ('201) EPROMs.	\$68.50/100 ('210)	Samples—Now
CY7B210	408/943-2600	Speed is 25 ns. '211 is registered.		Prod.—3Q92
CY7B211				
QS720x	Quality	×9 FIFOs, with depths of 512, 1K, 2K, and 4K. Speed is 12 ns for 512 or 1K depth, 10 ns for 2K or 4K.	\$30.15/1K (512 × \$98.50/1K (4K × 9)	Prod.—Now (512, 1K)
QS722x	408/450-8000	722x parts are clocked devices (up to 66 MHz).		Samples (2K, 4K)
Peripheral Chips				
86C924	S3 408/980-5400	Pin-compatible 24-bit version of earlier GUI accelerator for Microsoft Windows.	\$47/1K	Prod.—Now
Voice Recognizer	AT&T 800/372-2447	x846 Programmed version of DSP16A for speaker-trained recognition of up to 40 words, for car phone dialers.	\$20/10K	Prod.—Now
ML2377	Micro Linear 408/433-5200	Six-channel 10-bit A/D converter integrated with both an 8-bit and 10-bit D/A converter, 2 μs conversion.	\$6.50/1K	Samples—Now Prod.—8/92
DS1585	Dallas Semi.	6818-compatible real-time clock with 8K × 8 nonvolatile RAM and 64-bit chip-specific serial number.	\$15.50/10K (DS1587)	Prod.—Now
DS1587	214/450-0448	'1587 includes crystal and lithium battery.		
ST8000	Sierra Semi.	Three-chip Sound-Blaster-compatible sound effects and record/playback chip set.	\$67.90/10K ('8002)	Prod.—8/92
ST8001	408/263-9300			
ST8002				
VM009	VLSI Tech. 602/752-6300	DES encryption processor. Speed is 100 Mbits/sec.	\$30/1K	Prod.—Now
EET-X	Destiny 408/262-9400	Enhanced halftone imaging processor for existing four-chip laser printer solution.	\$20/1K	Samples—Now Prod.—4Q92
CL-MD9624	Cirrus 510/623-8300	Two-chip set for combination fax/data modems. Speed is 2400 baud (data) or 9600 baud (fax).	\$25/5K	Prod.—10/92
System Logic				
VL82C311-33	VLSI Technology 602/752-6212	33 MHz version of existing single-chip system logic solution for 386SX-based AT-compatibles.	\$12.50/10K	Prod.—Now
NCR85C266	NCR 800/334-5454	Optical fiber transceiver interface chip. Data rate up to 266 Mbit/sec.	\$35/5K	Samples—Now Prod.—4Q92
DNE 5001	Dr. Neuhaus 408/685-0928	PCMCIA 2.0 interface chip.	\$16/5K	Prod.—Now
SC15025	Sierra Semi.	24-bit versions of earlier color palette RAMDACs.	\$14/10K (110 MHz)	Samples—8/92
SC15026	408/263-9300	Speeds are 66, 80, 110, and 125 MHz.		Prod.—9/92
Programmable Logic				
EPM7192	Altera 408/894-7000	160-pin MAX-family PLD. Speed up to 70 MHz.	\$198/100	Prod.—Now
EPM7032	Altera 408/894-7000	3.3V version of existing 44-pin MAX-family PLD.	\$14.95/10K	Prod.—2Q93
PALC22V10D	Cypress 408/943-2600	Flash PLD version of popular 22V10 device. Speed is 10 ns.	\$15.55/100	Prod.—Now