

Recent IC Announcements

Part Number	Vendor	Description	Price/Quantity	Availability
Embedded Microprocessors				
PIC16C71	Microchip 602/786-7200	Microcontroller with 36-byte register file, 1K× 14 OTP ROM program memory, 4-channel 8-bit A/D converter (20 μs conversion time), 13 parallel I/O lines, and an 8-bit timer with 8-bit prescaler. Typical instruction cycle is 200 ns.	\$3.25/10K	Prod.—Now
Memory				
KM684000	Samsung 408/954-7000	512K× 8 static RAM, available for both 3V and 5V operation. Speeds are 55, 70, 85, and 100 ns.	\$225/100 (55 ns)	Samples—Now Prod.—4Q92
IDT71B589	IDT 408/727-6116	Synchronous 32K× 9 SRAM with on-chip burst control logic for use with Intel processors. Speeds are 10.5, 12, and 14 ns.	\$54.90/1K (10.5 ns)	Prod.—Now
MK45180	SGS-Thomson 602/867-6259	'180 is a 4K× 10 dual-ported tag SRAM; speed is 20 ns. '486 is a 32K× 9 SRAM with on-chip burst control logic for use with Intel processors; speeds are 19 and 24 ns.	\$29.33/5K ('180) \$13.29/5K ('486, 19 ns)	Prod.—Now
KM424C257	Samsung 408/954-7000	256K× 4 ('257) and 128K× 8 ('128) video RAMs. Speed is 60 ns.	\$8.50/100 ('257)	Samples—Now Prod.—10/92
MSM514252	Ok	256K× 4 video RAMs. Speeds are 70 and 80 ns.	\$6.95/10K	Prod.—Now
MSM514262	Ok 408/720-1900			
CY7C270	Cypress 408/943-2600	16K× 16 PROM with burst control logic for both Intel and non-Intel processors. Speed is 14 ns (burst) or 28 ns (non-burst).	\$56.05/100	Prod.—Now
Peripheral Chips				
Am79C940	AMD 408/749-5703	Ethernet controller with register-based interface.	\$30/100	Prod.—Now
W5286	Weitek 408/738-8400	Accelerator for Windows graphic functions.	\$20/5K	Samples—Now
System Logic				
VL82C316	VLSI Tech. 602/752-6000	Two-chip set for AT-compatible 386SX-based systems with power management. Speed is 33 MHz.	\$30/5K	Prod.—Now
VL82C323	VLSI Tech. 602/752-6000			
EISA 486WB chip set	OPTi 408/980-8178	Four-chip set for 486-based EISA systems with writeback cache. Speeds are 33 and 50 MHz.	\$100/1K (50 MHz)	Prod.—Now
DXNB chip set	OPTi 408/980-8178	Two-chip set for 386DX- and 486-based AT-compatible systems with writeback cache. Speed is 33 MHz.	\$45/1K	Prod.—Now
Programmable Logic				
iFX780	Intel 408/765-8080	FPGA with eight blocks configurable as either logic macrocells or SRAM. Up to 80 macrocells are available. Pin-to-pin speed is 10 ns.	\$43.88/100	Samples—1Q93
CY7C258	Cypress 408/943-2600	2K× 16 PROMs with on-chip state machine logic. Speed up to 83 MHz.	\$29.05/100 (258)	Prod.—Now
CY7C259	Cypress 408/943-2600			
Interface				
ES488	ESS Tech. 510/783-3100	Audio storage, compression, and playback peripheral for PC systems.	\$12/1K	Samples—Now Prod.—12/92
High-Speed Data Pump	AT&T 800/372-2447 x848	Three-chip set for V.32bis modems operating at 3.3V.	\$79/10K	Prod.—1Q93
STU5410	SGS-Thomson 602/867-6259	Single-chip ISDN "U" interface. Speed up to 160 Kbit/sec.	\$25/25K	Prod.—Now
L5170	SGS-Thomson 602/867-6259	Octal RS232D/432A line driver.	\$3.55/1K	Prod.—Now
ML2223	Micro Linear 408/433-5200	13-bit serial A/D converter. Conversion time is 35.5 μs.	\$14.50/1K	Prod.—Now