

Recent IC Announcements

Part Number	Vendor	Description	Price/Quantity	Availability
Embedded Microprocessors				
80C550	Philips-Signetics	80C51-based 8-bit microcontrollers with on-chip 8-channel, 8-bit A/D converter and watchdog timer in standard 40-pin DIP or 44-pin PLCC footprint. Speed is 16 MHz.	\$4.60/10K	Prod.—Now
83C550	408/991-5207		(mask ROM)	
87C550			\$14/10K (OTP ROM)	
Memory				
M5M444409TP	Mitsubishi 408/730-5900	1M × 4 synchronous DRAM with on-chip 4K × 4 cache SRAM. 16 nibbles can be transferred from the DRAM to the SRAM in a single cycle. DRAM speeds are 70, 75, and 80 ns, with corresponding SRAM speeds of 10, 15, and 20 ns.	\$16.20/100 (10 ns/70 ns)	Samples—2Q92 Prod.—3Q92
μPD43400xLE	NEC 415/965-6043	4M × 1 (434001), 1M × 4 ('004), and 512K × 8 SRAMs. Speeds are 20 and 25 ns.	\$600/10	Samples—Now Prod.—2H92
7C173/74	AT&T	Second-source of Cypress cache tag SRAMs. Speeds are 10 (7C18x only), 12, 15, 20, and 25 ns.	\$30.68/100	Prod.—Now
7C180/181	800/372-2447 x825		(7C17x, 12 ns)	
IDT7099	IDT 408/727-6116	4K × 9 synchronous dual-port SRAM. Cycle time is 20 ns.	\$49.95/100	Prod.—Now
CXK77910J	Sony 714/229-4197	128K × 9 synchronous SRAM. Cycle times are 16.6 and 20 ns.	\$100/1K (16.6 ns)	Samples—1Q92 Prod.—3Q92
ST24C0881	SGS-Thomson 602/867-6100	8K serial EEPROM compatible with Philips-Signetics I ² C bus.	\$2.85/1K	Prod.—Now
Peripheral Chips				
A38202SX	Austek 408/988-8556	33 MHz version of cache controller for 386SX.	<\$20/high volume	Samples—Now Prod.—2Q92
IIT-3C87SX/33	IIT 408/727-1885	33 MHz version of math coprocessor for 386SX.	<\$100/high volume	Prod.—Now
NCR77C22E+	NCR 800/334-5454	Local bus VGA controller for displays up to 1280 × 1024.	\$25/1K	Samples—1Q92 Prod.—2Q92
NIM618	Nimbus 408/727-5445	DMA controller for Sun Microsystems' SBus. Pin-compatible superset of LSI Logic's L68453.	\$35/100	Samples—Now Prod.—3/92
CL-CD1864	Cirrus 510/623-8300	8-channel serial I/O controller.	\$33/1K	Prod.—Now
DP8025	National Semi. 800/272-9959	Token ring controller for IEEE 802.5 ring interface. Developed by IBM, licensed to National.	\$129/100	Samples—Now Prod.—3Q92
DP83265A	National Semi. 800/272-9959	Fiber Distributed Data Interface (FDDI) chip. Transfer rates up to 760 Mbit/sec.	\$69/1K	Prod.—3/92
TVGA9000	Trident 415/691-9211	Super VGA graphics controller for displays up to 1024 × 768.	\$13/1K	Prod.—Now
TLCD9100	Trident 415/691-9211	Super VGA controller intended for laptop flat-panel displays up to 640 × 480.	\$28/1K	Samples—Now Prod.—2Q92
32C9301	Silicon Systems 714/731-7110	Hard disk controller for operation at 3 to 5 volts. Speed up to 30 Mbit/sec.	\$10/10K	Samples—4/92 Prod.—7/92
CYM7232	Cypress 408/943-2600	DRAM controller module supporting error correction. General-purpose interface for RISCs and CISCs.	\$327/100	Samples—3/92 Prod.—2Q92
Interface				
VIC64	Cypress 408/943-2600	VME64-compatible bus interface, pin-compatible with earlier VIC068.	\$140/100	Samples—3/92 Prod.—2Q92
TLC32047	TI 214/995-6611 x3990	Combination 14-bit serial D/A converter and 14-bit serial A/D converter for high-quality speech I/O.	\$15.33/1K	Prod.—Now