

## Recent IC Announcements

Part Number	Vendor	Description	Price/Quantity	Availability
<b><u>Embedded Microprocessors</u></b>				
Z8S180	Zilog 408/370-8000	Static version of the Z180 (Z80-compatible CPU with on-chip UART, timers, wait state generator, etc.). Speeds are 16 and 20 MHz.	\$17.86/100 (20 MHz)	Prod.—Now
SAB 80C167	Siemens 408/980-4500	Enhanced and expanded version of 80C166 16-bit microcontroller (see $\mu$ PR 3/7/90, p. 8). Includes 2K RAM, 8K ROM, 110 I/O lines, and a 16-channel 10-bit A/D converter. Speed is 20 MHz.	\$30/10K	Samples—3Q92 Prod.—1Q93
SAB C501	Siemens	80C52-compatible microcontrollers. 'C501 and 'C503 have 8K ROM and 256 bytes RAM; 'C502 has 16K ROM and 512 bytes RAM. 'C503 has an 8-channel, 10-bit A/D converter. Speeds are 18, 33, and 40 MHz ('C501) or 12 and 18 MHz ('C502, 'C503).	\$3.50/10K ('C501)	Samples—Now
SAB C502	408/980-4500		\$5.50/10K ('C502)	('C501, 'C503)
SAB C503			\$4/10K ('C503)	Samples—4Q92 ( 'C502)
80CL51	Philips-Signetics 408/991-3552	Low-voltage version of the 80C51; 1.8 to 6 volts. Supply current is 50 $\mu$ A at 1.8V, 32 kHz.	\$3.20/10K	Prod.—Now
K0 family $\mu$ PD780xx	NEC 415/965-6094	Low-voltage version of the K2 family of 8-bit microcontrollers; 2.7 to 6 volts. ROM sizes from 8K to 32K; RAM sizes from 544 to 1056 bytes.	\$4—\$8/5K	Prod.—Now
$\mu$ PD7523x	NEC 508/655-8833 x4293	New members of existing 4-bit microcontroller family. ROM sizes range from 16K bytes to 32K bytes.	\$6.15/50K ( $\mu$ PD75236)	Prod.—Now
SMC62xx family	S-MOS 408/922-0200	New members of existing 4-bit microcontroller family. Operating power as low as 1.5V. ROM sizes from 1K to 8K 12-bit words. 12 to 44 I/O lines.	\$2.40—\$7.43/10K	Prod.—Now
Compact 400 Series	Hitachi 415/589-8300	New family of 4-bit microcontrollers. RAM size is 64 or 128 4-bit nibbles. ROM sizes are 1K or 2K 10-bit words; 4K words OTP ROM also available.	\$2/5K (HD404201S)	Prod.—Now
<b><u>Memory</u></b>				
TC514260	Toshiba 714/455-2000	256K $\times$ 16 DRAM. Speeds are 70 and 80 ns.	\$40/samples	Samples—Now Prod.—7/92
KM41xC256	Samsung	DRAMs, organized as 256K $\times$ 16 ('416C256), 256K $\times$ 18 ('418C256), 512K $\times$ 8 ('48C512), and 512K $\times$ 9 ('49C512). Speeds are 70, 80, and 100 ns.	\$15.63/1K	Samples—Now
KM4xC512	408/954-7000		('416C256)	Prod.—6/92
CY7B1xx	Cypress	Dual-port SRAMs, organized as 4K $\times$ 8 ('B134, 'B135, 'B138, 'B1342), 4K $\times$ 9 ('B139), 8K $\times$ 8 ('B144), and 8K $\times$ 9 ('B145) configurations. Speed is 15 ns.	\$42.10/100 ('134)	Prod.—Now
CY7B1342	408/943-2600		\$84.20/100 ('145)	
TMS55160	TI	256K $\times$ 16 VRAMs; 70 and 80 ns random-access time, 20 and 25 ns serial-access time.	\$70/samples	Samples—3Q92
TMS55165	214/995-6611 x3990			
<b><u>Peripheral Chips</u></b>				
VideoView chip set	Trident 415/691-9211	VGA/XGA graphics chip set for producing high-quality video in NTSC- and PAL-compatible rasters.	\$120/100	Samples—Now Prod.—6/92
LTC1096	Linear Tech. 408/432-1900	Low-power 8-bit sampling A/D converter. Typical supply current is 100 $\mu$ A at maximum 33 kHz rate.	\$3.95/100	Samples—Now
<b><u>System Logic</u></b>				
VL82C380	VLSI Tech. 602/752-6212	Single-chip system logic for 386DX-based AT-compatible motherboards with copyback cache.	\$20/10K	Samples—2Q92 Prod.—3Q92
ACC2168	ACC Micro 408/980-0622	Single-chip system logic for 386DX- and 486-based AT-compatible motherboards with writethrough/copyback cache. Speeds to 50 MHz.	\$35/1K (16 MHz)	Prod.—Now
<b><u>Programmable Logic</u></b>				
ATT1C05	AT&T	FPGAs with either 5000 ('05) or 11,000 ('11) equivalent gates programmed using SRAM cells.	\$240/100 ('05)	Samples—4Q92
ATT1C11	800/372-2447 x837		\$710/100 ('11)	Prod.—1Q93