

Recent IC Announcements

Part Number	Vendor	Description	Price/Quantity	Availability
Embedded Microprocessors				
SAB-C165	Siemens 408/980-4500	Cost-reduced version of the 80C166 16-bit microcontroller. A/D and timing unit have been deleted. 2K on-chip RAM.	\$16.50/10K	Samples—Now Prod.—3Q93
PIC16C84	Microchip 602/786-7200	8-bit microcontroller with 14-bit code space. 1K-word code EEPROM, 36 bytes data RAM, 64 bytes data EEPROM. Operates at 2 to 6V.	\$3.72/10K	Samples—Now
M38802	Mitsubishi 408/730-5900	8-bit microcontroller available with Phoenix Technologies' PC-compatible keyboard controller firmware, at 3V or 5V.	\$3.90/10K	Prod.—Now
DS80C320	Dallas Semi. 214/450-0448	Enhanced 8051-compatible 8-bit microcontroller. Speed is 25 MHz, four clocks per instruction. 256 bytes RAM, two UARTs.	\$6.50/10K	Samples—4/93
Memory				
μPD42S64x00	NEC	64-Mbit DRAMs, in ×4 ('400), ×8 ('800), and ×16 ('160) widths.	\$600/10K	Samples—4/93
μPD42S64160	800/366-9782	Speeds up to 50 ns.	(50 ns)	
ICW79B586	IC Works 408/922-0202	32K × 9 synchronous SRAMs designed for use with Pentium. Speeds are 9, 10, and 12 ns clock-to-Q.	\$52/1K	Prod.—Now
TC55BS4258J	Toshiba	256K × 4 ('4258) and 128K × 8 ('8125 and '8128) synchronous SRAMs.	\$100/samples	Samples—Now
TC55BS812xJ	714/455-2000	Speeds are 5 and 6 ns clock-to-Q, 10 and 12 ns cycle time.	(10 ns)	Prod.—5/93
KM79C86	Samsung	32K × 9 synchronous SRAMs for operation at 5V ('C86) and 3.3V ('V86).	\$8/1K	Prod.—Now
KM79V86	408/954-7000	Speeds are 14, 19, and 24 ns.	(5V, 24 ns)	
KM428C256	Samsung 408/954-7000	256K × 8 VRAM. Access time is 60 ns (40 ns on page hit). Serial cycle time is 18 ns.	\$19/1K	Prod.—Now
ST24C16C	SGS-Thomson 602/867-6259	256-byte serial EEPROM, using Philips' ²C protocol.	\$3.05/1K	Prod.—Now
Peripheral Chips				
MotIVE chip set	Media Vision 510/770-8600	Two-chip set for real-time video capture using proprietary compression/decompression algorithm. Resolution up to 480 × 640.	\$40/25K	Samples—4/93
Z86017	Zilog 408/370-8000	General-purpose PCMCIA controller for operation at 5V or 3.3V.	\$7/100K	Prod.—Now
CL-SH5500	Cirrus 510/623-8300	16-bit SCSI-2 disk controller. Transfer rate up to 20 Mbyte/s.	\$20/1K	Samples—4/93
TEC336	Emulex	8- ('336) and 8/16-bit ('356) SCSI controllers. Transfer rate up to 10 Mbyte/s.	\$30/100	Samples—Now
TEC356	714/662-5600		('336)	Prod.—2Q93
TAXI-275 chip set	AMD 408/732-2400	275-Mbaud transmitter/receiver chip set for ESCON, ATM, and Fibre Channel standards.	\$75/100	Prod.—Now
System Logic				
PTMAWB-V chip set	OPTi 408/980-8178	Pentium-based PC/AT-compatible three-chip set for high-end desktop system boards with cache at 66 MHz. VL-Bus support.	\$75/1K	Prod.—Now
VL82C580 chip set	VLSI Tech. 602/752-6202	Pentium-based PC/AT-compatible four-chip set for high-end desktop system boards with cache at 66 MHz. PCI bus support.	\$65/1K	Samples—3Q93 Prod.—4Q93
Programmable Logic				
QL8x12A	QuickLogic 408/987-2007	Cost-reduced, speed-enhanced version of existing 2000-gate field-programmable gate array (FPGA) based on EPROM cells.	\$37.60/1K	Prod.—Now
iPLDLV22V10-15	Intel 800/548-4725	3.3V, 15-ns version of popular PLD. 35 mA typical supply current.	\$4.95/1K	Samples—Now Prod.—5/93
Interface				
L6245	SGS-Thomson 602/867-6259	Spindle and voice-coil controller for hard disk controllers, with on-chip DMOS power transistors.	\$8/25K	Prod.—Now
LT1107	Linear Tech. 408/432-1900	DC-DC converter for low-power applications. Pin-compatible with existing LT1111, but with 70% duty cycle.	\$2.33/1K	Prod.—Now
LT127x	Linear Tech. 408/432-1900	12-bit single- ('73) or dual-5V ('75 and '76) supply A/D converters. Conversion time is 2.7 microseconds.	\$14.09/100	Prod.—Now