Recent IC Announcements

Part Number	Vendor	Description	Price/Quantity	Availability
Embedded Microprocessors				
8xC196MC 8xC196MD	Intel 800/548-4725	16-bit RISC microcontroller optimized for motor control. CPU-only, or 16K mask ROM or OTP ROM. Includes 488 bytes RAM, 10-bit A/D.	$11.75/10K (16K ROM)	Samples—Now Prod.—7/93
ADSP-2103	Analog Devices 617/461-4447	DSP for 3.3V operation. Upward compatible from ADSP-2101. Maximum active power is 83 mW.	$20/100K	Samples—Now Prod.—2Q93
Memory				
DS17xx	Dallas Semi. 214/450-0448	Non-volatile SRAMs with internal battery-backup. Sizes are 32K×8 ('1730), 128K×8 ('1745), and 512K×8 ('1750). Speeds up to 70 ns.	$23.50/1K ('1730, 70 ns)	Prod.—Now
Peripheral Chips				
86C928PCI	S3 408/980-5400	VGA-superset video controller with graphics acceleration functions. Uses Intel's PCI interface. Designed for use with VRAM.	$65/1K	Samples—4/93
CL-GD5428	Cirrus 510/226-2123	VGA-superset video controller with graphics acceleration functions. Uses VESA's VL-Bus interface. Designed for use with DRAM.	$30/1K	Samples—Now Prod.—2Q93
TGUI9420	Trident 415/691-9211	VGA-superset video controller with graphics acceleration functions. Uses VESA's VL-Bus interface. Designed for use with DRAM.	$29.50/1K	Samples—Now
MVV251	Media Vision 510/770-8600	Two-chip set for real-time full-motion video capture. 16× data compression. NTSC- and PAL-compatible, to 640×480 resolution.	$40/25K (for set)	Samples—4/93
SED1560	S-MOS 408/922-0200	LCD controller for 2, 4, or 8 lines of up to 53 characters. Operates from 2.4V to 6V.	$8.25/1K	Prod.—Now
ISP1010 ISP1020	Emulex 714/662-5600	Controllers for SCSI transfer speeds of up to 10 Mtransfers/s. '1010 is VL-Bus; '1020 is PCI bus.	$85/100 ('1010)	Samples—6/93 ('1010)
CL-SH4600	Cirrus 510/623-8300	PC/AT-compatible hard disk controller for NRZ rates up to 72 Mbits/s.	$25/1K	Samples—Now Prod.—1Q93
Am79C981 Am79C987	AMD 408/732-2400	Two-device IEEE 802.3-compatible Ethernet repeater chip set.	$37.50/1K	Prod.—Now
53C400A	NCR 800/334-5454	PC/AT-compatible SCSI controller. Speed up to 3.5 Mbytes/s.	$9/1K	Samples—Now Prod.—2Q93
53C406A	NCR 800/334-5454	16-bit PC/AT-compatible SCSI controller. Speed up to 5 Mbyte/s.	$23.30/1K	Samples—Now Prod.—1Q93
System Logic				
SCNB 82C463	OPTi 408/980-8178	Single-chip system logic for PC/AT-compatible notebooks based on Intel's S-series 486 processors up to 33 MHz at 3V or 5V.	$25/10K	Prod.—Now
VL82C481	VLSI Tech. 602/752-6202	Single-chip system logic for PC/AT-compatible desktop systems with a PCI bus interface, based on 486 processors up to 40 MHz.	$22/10K	Prod.—Now
Fuzzy Logic				
SAE 81C99	Siemens 408/980-4500	Fuzzy logic coprocessor. Speed up to 7.9 Mrules/s at 20 MHz. Up to 256 inputs, 64 outputs, 16,384 rules.	$32/samples	Samples—Now Prod.—4Q93
NLX-220	NeuraLogix 407/322-5608	Fuzzy logic chip. Four inputs, four outputs, 50 rules. Speed up to 1 Mrules/s.	$2/100K	Prod.—9/93
NLX-230	NeuraLogix 407/322-5608	Fuzzy logic chip. Eight inputs, eight outputs, 64 rules. Speed up to 30 Mrules/s.	$7/1K	Prod.—Now
Interface				
TSH150 TSH151	SGS-Thomson 602/867-6259	150-MHz BiCMOS op amps for video and other wideband 50-ohm drivers. '150 has 20 ns settling time; '151 is 70 ns.	$3.31/10K	Prod.—Now
Am79C410	AMD 408/732-2400	Integrated digital section for cordless telephones, developed jointly with Sony	$40/samples	Samples—Now