Recent IC Announcements

Part Number	Vendor	Description	Price/Quantity	Availability
Embedded Microprocessors				
µPD78356GC µPD78P356GC µPD78356KP-S	NEC 415/965-6050	16-bit microcontroller with 48K mask ROM ('356GC), OTP ROM ('P356GC), or windowed EPROM ('356KP-S), 1.7K RAM, ('P356GC) UART, 8-bit A/D, 8-bit D/A, and other peripherals. Minimum instruction cycle is 125 ns.	$32/1K	Samples—Now
H8/570	Hitachi 800/285-1601 x21	16-bit microcontroller with 2K RAM, UART, 10-bit A/D, and other peripherals. Minimum instruction cycle is 200 ns.	$29.25/10K	Prod.—Now
MSM6551x	Oki 408/720-1900	8-bit microcontrollers with 4K mask ROM or OTP ROM ('511), 8K ('512 and '513), 16K ('514), or 32K ('516) for 3V operation. Minimum instruction cycle is 730 ns.	$3.33/10K ('513, ROM)	Prod.—12 wks ARO
DSP56004	Motorola 512/891-2030	24-bit microcontroller with serial I/O. Instruction cycle is 50 ns.	$36.80/1K	Prod.—Now
TMS320C52	TI 214/995-6611 x3990	16-bit DSP with 1K RAM and 4K ROM for operation at 3.3V or 5V. Speeds are 25, 35, and 50 ns instruction cycle.	$15.95/1K (50 ns)	Samples—1Q93
Z89320	Zilog 408/370-8000	16-bit DSP with 4K words ROM and two 256 × 16 data RAMs. Translator for TMS320 source is available. Instruction cycle is 100 ns.	$1.98/100K	Samples—4Q92 Prod.—1Q93
Memory				
µPD42S16xx0	NEC 415/965-6061	3.3V DRAMs, organized as 2M × 8 ('800), 2M × 9 ('900), 1M × 16 ('160), and 1M × 18 ('180). Speeds up to 60 ns.	$190/100 ('160, 80 ns)	Samples—1Q93
KM741006	Samsung 408/954-7000	256K × 4 synchronous SRAM. Speeds are 66, 80, and 100 MHz.	$60/10K (100 MHz)	Prod.—Now
KM64B100x KM68B1002	Samsung 408/954-7000	256K × 4 ('64B1002, '64B1003) and 128K × 8 ('68B1002) SRAMs. Speeds are 10 ns (64B100x) and 12 ns (68B1002).	$125/100 ('64B1002)	Samples—Now Prod.—1Q93
KM29C010	Samsung 408/954-7000	128K × 8 flash EEPROM with 5V-only programming. Speeds are 100, 120, and 150 ns.	$9/10K (all speeds)	Samples—Now Prod.—11/92
Am27C400 Am27C4096	AMD 408/749-5703	256K × 16 EPROMs. '400 can also be configured as 8-bit. Speeds up to 120 ns.	$18.75/100 ('4096, 150 ns)	Prod.—Now
Peripheral Chips				
SPC8105 SPC8107	S-MOS 408/922-0200	LCD VGA controllers. '8107 supports 3V operation.	$15/25K	Samples—Now
SC26C562 SC68C562	Philips-Signetics 408/991-4566	Dual multiprotocol (SDLC, HDLC, X.25, BiSYNC, etc.) serial controllers. '26C562 is for synchronous buses; '68C562 is for asynchronous.	$25/100	Prod.—Now
D7002A	DSP Group 408/985-0722	Speech compression chip for PCs. Consumes 6.8 kbits/sec.	$17/50K	Samples—4Q92 Prod.—1Q93
MA85C30	VLSI Tech. 408/434-7876	Enhanced version of popular two-channel multi-protocol serial controller. Speeds are 8, 10, and 16 MHz.	$6.25/10K (10 MHz)	Samples—Now Prod.—1H93
Programmable Logic				
PALCE20V8	AMD 408/749-5703	5-ns version of popular CMOS PLD.	contact factory	Samples—Now Prod.—1Q93
Interface				
MC44250	Motorola 512/928-7818	Triple 8-bit A/D converter for video digitizers. Conversion speed is 15 MHz.	$11.64/1K	Prod.—Now
ML4862	Micro Linear 408/433-5200	Dual voltage regulator (3.3V and 5V) and power manager for low-voltage notebook systems.	$5.95/1K	Samples—Now Prod.—12/92