

Recent IC Announcements

Part Number	Vendor	Description	Price/Quantity	Availability
Embedded Microprocessors				
Am29030	AMD	New version of Am29030 now in reduced-cost cerquad package. New 20-MHz version of Am29200. New 12.5-MHz version of Am29205.	\$88/1,000	Prod.—Now
Am29200	800.292.9263		\$60/1,000	
Am29205			\$20/1,000	
M37710M4B	Mitsubishi 408.730.5900	16-bit processor with 32K ROM, 1K RAM, eight-channel 10-bit A/D, two-channel 8-bit A/D, two serial I/Os, eight 16-bit timers, 12-bit watchdog timer, and 69 programmable digital I/Os. 95 mW, 25 MHz. for	\$22/10,000	Prod.—Now
M37702M8L	Mitsubishi	16-bit processors include 60K ROM, 2K RAM, 8-bit A/D, two serial I/Os, eight 16-bit timers, 12-bit watchdog timer, and 69 programmable digital I/Os. "L" version: 2.7 to 5.5 V, 12 mW, 8 MHz.	\$24/10,000	Prod.—Now
M37702M8B	408.730.5900			
Memory				
MT5C64K16A1	Micron	5-V and 3.3-V, 1-Mbit SRAMs use center-pin power connections. 0.45-micron CMOS process allows 12-ns access. In by-4, by-8, and by-16.	\$35/100	Samples—Now
MT5LC64K16D4	208.368.3900		\$30/100	
KM23C64000	Samsung 800.446.2760	64-Mbit CMOS masked ROM uses 0.5-micron process. Dual 8- and 16-bit access to upper and lower bytes. 150-ns, 200-ns, and 250-ns speeds.	\$95/100	Samples—Now Prod.—3Q94
KM4232C256	Samsung	WRAM (Window RAM), 1-Mbyte dual-ported frame buffer includes serial access RAM for windowing graphical environments. 20-ns page mode.	\$42/100	Samples—1Q94 Prod.—Oct. 94
KM4232V256	800.446.2760			
Peripheral Chips				
AD1846	Analog Devices 617.461.3881	Sigma-delta stereo digital audio codec, A/D, D/A, gain control, mixing. Supports Windows Sound System. Cost-reduced version of the AD1848K.	\$8.00/OEM	Samples—Now Prod.—Mar. 94
Bit895	Brooktree 619.452.7580	"Open-system" video controller supports multimedia at up to 1280 x 1024 resolution. For use with company's VideoCache Architecture products.	\$16/10,000	Samples—Now Prod.—Jan. 94
ES1488	ESS Technology 510.226.1088	SoundBlaster-compatible audio system on a chip, with digital record and playback, as well as a music synthesizer on board.	\$18/OEM qty.	Samples—1Q94
73D2950	Silicon Systems	3.3-V datafax/voice modem chip set integrates transformerless DAA. Optional "T" version implements algorithm to compress audio to 1 K/s.	\$18/10,000	Samples—1Q94 Prod.—2Q94
73D2950T	800.624.8999 ext. 151			
Interface				
53C974	AMD 800.222.9323	Single-chip SCSI-2 controller contains fast SCSI core processor, bus master DMA engine with scatter/gather, PCI bus interface unit.	\$24.95/1,000	Samples—Now Prod.—1Q94
LTC 1338	Linear Technology 800.637.5545	Low-power RS232C interface has 500- μ A operating current and 1- μ A shutdown current. Draws 50 μ A in sleep mode while awaiting signals.	\$5.25/100	Samples—Now
Programmable Logic				
MACH435Q-25	AMD 800.222.9323	"Quarter-power" complex PLD has typical dynamic Icc of 90 mA. 128 macro-cells, each driven by up to 20 terms, arranged as eight PAL33V16 blocks.	\$41.55/1,000	Prod.—Now