

Recent IC Announcements

Part Number	Vendor	Description	Price/Quantity	Availability
Embedded Microprocessors				
PIC14C42	Microchip 602.786.7200	25-MHz version of PIC17C42 processor. 90% of instructions execute in 160-ns cycle. Includes 2K by 16-bit program memory, 256-byte RAM.	\$13.50/1,000	Prod.—Now
Interface				
PCnet	AMD 800.222.9323	Family of single-chip Ethernet controllers interface to ISA, EISA, VL, PCI, and 486 local buses. Bus master based on Novell NE2100/1500T.	\$25-\$30/1,000	Samples—Now Prod.—1Q94
CL-PD6722	Cirrus Logic 510.226.2261	Single-chip, dual-slot PCMCIA interface controller includes DMA support for ISA peripherals. BIOS-level driver software available.	\$20/1,000	Samples—Now Prod.—1Q94
DB86084	Databook 607.277.4817	Single-chip, dual-slot PCMCIA interface controller with integrated Plug-and-Play ISA support. Includes driver software.	\$15/100,000	Samples—Now Prod.—1Q94
21040	Digital 800.332.2717	Single-chip Ethernet controller for 32-bit PCI bus. Includes DMA and FIFO, driver software available to support Plug-and-Play.	\$23/5,000	Samples—Now Prod.—1Q94
SN74ACT3632	TI 800.477.8924 ext.4500	Application-specific FIFO includes logic to interface to DSPs such as TMS320C30 and 'C40. Available in 15-, 20-, and 30-ns cycle times.	\$45.79/1,000	Prod.—Now
Memory				
Am29F040	AMD 800.222.9323	4-Mbit flash memory erasable in 64-Kbyte sectors. 100,000 write cycles minimum. Available in 90-ns, 120-ns, and 150-ns speeds, 5-V only.	\$35/1,000	Prod.—Now
Peripheral Chips				
RGB5xx	IBM 800.425.0181	Family of video DACs with palettes can drive monitors up to 1600×1280 with 4- to 27-bit color. VRAM port from 64 to 200 bits wide.	\$52-\$194/100,000	Prod.—Now
SAA7110	Philips 408.991.3626	Two-chip set converts analog video into digital VESA Media Channel format. SAA7110 multistandard decoder conditions, digitizes PAL, NTSC, and SECAM signals, decodes color and timing. PowerStream processes luminance and color streams, packetizes for VMChannel.	\$36/1,000 \$55/1,000	Samples—Now Prod.—1Q94
PowerStream	VideoLogic 617.494.0530			
POWER 9100	Weitek 408.738.8400	Graphics accelerator supports 24-bit color at 1280×1024. Achieves 30 million WinMarks. Includes SVGA, VESA, and PCI logic.	\$85/OEM	Samples—Now Prod.—1Q94
Video POWER	Weitek 408.738.8400	Works with POWER 9100, allows 1280×1024 video at 30 frames/s. Supports multiple codec formats including MPEG, Indeo, and Cinepack.	\$30/OEM	Samples—Now Prod.—1Q94
POWER 9001	Weitek 408.738.8400	Interfaces POWER 9000 graphics accelerator to PCI bus. Controls SVGA logic, BIOS, RAMDAC, and clock synthesizer.	\$18/OEM	Prod.—Now
Programmable Logic				
PALCE22V10H	AMD 800.222.9323	5-ns version of 22V10 PAL is reprogrammable, has maximum clock frequency of 142.8 MHz.	\$27.50/10,000	Prod.—Now
System Logic				
MLT04	Analog Devices 617.937.1428	Monolithic four-channel, four-quadrant analog multiplier. Computations include power calculation, multiplication, squaring, and rooting.	\$11.95/100	Prod.—Now