

Recent IC Announcements

Part Number	Vendor	Description	Price/Quantity	Availability
Microprocessors				
μPD784020	NEC	New members of the K4 family have 512 bytes ('20) or 2K ('21) of on-chip RAM, no ROM, and 2.7–6.0 V operating range.	\$12.30/10,000	Prod.—Now
μPD784021	800.366.9782			
MicroSparc-2	Sun	110-MHz version runs 30% faster than its predecessor, delivering 76 SPECint92 and 65 SPECfp92; with DRAM and SBus controller.	\$649/1,000	Prod.—Now
415.960.1300				
68DP356	Motorola	Derivative of the 68356 controller is optimized with data-pump software for V.34 modem applications; includes 68000 core and 24-bit DSP.	\$79.95/10,000	Samples—Now Prod.—2Q95
512.891.2429				
Interface				
ML6673	Micro Linear	Controller chip handles both fast (100-MHz) Ethernet and FDDI over copper wiring; reduces baseline wander by monitoring DC voltage.	\$14.85/1,000	Samples—Now Prod.—2Q95
408.433.5200				
MB86701	Fujitsu	Single-chip interface controller adds Plug-and-Play capability to PC add-in cards; handles two each DMA, interrupts, I/O, and memory maps.	\$5.95/10,000	Samples—Now Prod.—3Q95
800.642.7616				
Memories				
HM5283206	Hitachi	8-Mbit synchronous graphics DRAM (SGRAM) operates at 100 MHz; organized as 256K×32; supported by PC graphics chip sets.	\$39/1,000	Samples—3Q95 Prod.—4Q95
800.285.1601				
μPD481850	NEC	8-Mbit synchronous graphics DRAM (SGRAM) operates at 100 MHz; organized as 128K×32×2; in 0.45-micron CMOS process.	\$97.40/1	Samples—Now Prod.—3Q95
800.366.9782				
M28C64	SGS-Thomson	64-Kbit parallel E ² PROM has fast, 100-ns read-access time, minimum of 100,000 erase/write cycles, and data-retention period of 10 years.	\$3.80/10,000	Samples—Now Prod.—3Q95
617.259.0300				
Am29F040	AMD	4-Mbit flash EPROM has fastest available, 55-ns read-access time; operates from a single 5-V supply; organized as 512K×8.	\$18/1,000	Prod.—Now
800.222.9323				
Miscellaneous				
82C924	Opti	16-bit sound controller is compatible with Sound Blaster Pro, PnP specification; includes joystick, CD-ROM, and modem interface.	\$15/100	Samples—Now Prod.—3Q95
408.980.8178				
82C941	Opti	Sound synthesizer and wave-table engine with specialized DSP for improved sound quality, includes 1M PCM sample ROM.	\$15.00/10,000	Prod.—Now
408.980.8178				
Am78C201	AMD	InterWave audio processor supports 16-bit, 32-voice wave-table synthesis; compatible with Sound Blaster, AdLib, MPU-401 and MPC-2 standard.	\$39.95/1,000	Samples—Now Prod.—3Q95
800.222.9323				
VVL-1070	Marshall Electronics	Digital video camera is integrated onto a single chip with A/D converter, delivering 160×160-pixel digitized B/W image to serial or parallel I/O.	\$10/1,000	Prod.—Now
310.390.6608				
LT1184	Linear Technology	Cold-cathode fluorescent lamp backlight controller achieves efficiency of up to 90%; for floating ('84F) or grounded ('84) lamp applications.	\$3.63/1,000	Prod.—Now
800.454.6327				
Peripherals				
AV4400A	AT&T	Audio/video processor handles videoconferencing and MPEG-1 playback; compatible with H.320 (ISDN), H.324 (analog), QCIF, CIF, and SIF.	\$78/25,000	Samples—3Q95 Prod.—4Q95
800.372.2447				
Programmable Logic				
XC5202	Xilinx	New 2,000-gate ('02) and 4,000-gate ('04) FPGAs are lower-density members of XC5000 family with 84 or 124 I/Os; in 0.6-micron CMOS.	\$9.00/10,000	Samples—Now Prod.—3Q95
XC5204	408.559.7778			