

Recent IC Announcements

Part Number	Vendor	Description	Price/Quantity	Availability
DSP				
ADSP-21csp01	Analog Devices 617.461.3881	Fixed-point 16-bit DSP is optimized for concurrent processing of multiple data streams, with single-cycle task switch, two serial ports, and DMA.	\$33/10,000	Samples—Now Prod.—3Q96
Interface				
PCI-1394	TI 800.477.8924	Two-chip set links IEEE-1394 (FireWire) to PCI bus; link-layer controller includes 1K FIFO; physical-layer chip supports 200-Mbps data rates.	\$31/100,000	Samples—Now Prod.—1Q96
Memory				
M5M29F016	Mitsubishi 408.774.3189	Flash memory has 16-Mbit capacity and uses DiNOR (divided bit-line NOR) architecture; with 3.3-V read/write/erase voltage and 10-ms erase time.	\$50/1,000	Samples—Now Prod.—1Q96
HN29W1601	Hitachi 800.285.1601	Flash memory has 16-Mbit capacity and uses DiNOR architecture; in 80-, 100-, and 120-ns access times; good for 100,000 erase/cycles.	\$90/10	Samples—1Q96 Prod.—2Q96
24FC16	Microchip 602.786.7668	Serial EEPROM has two-wire bus that operates at 1-MHz rate for faster read/write transfers; 2K capacity, organized as 2Kx8; in SO-8.	\$1.59/1,000	Prod.—Now
MPC2604GA	Motorola 512.933.7726	Single-chip L2 cache/controller for PowerPC 601, 603, and 604 CPUs has 128K cache RAM, tags, and 2-1-1-1 burst-access controller; to 66 MHz.	\$58/1,000	Samples—1Q96 Prod.—2Q96
Miscellaneous				
ML4877	Micro Linear 408.433.5200	Driver chip for cold-cathode fluorescent backlights increases efficiency and reduces shock and fire hazard in UL safety testing; in SSOP-20.	\$4.40/1,000	Prod.—Now
S3LV306	AMCC 619.450.9333	Clock-driver and -distribution chips for microprocessor systems have 20 matched outputs with 1.5-ns rise and fall times that sink 24 mA.	\$7/10,000	Prod.—Now
LTC8043	Linear Technology 800.454.6327	12-bit current-output multiplying DAC is pin-compatible with DAC-8043 with improved temperature stability; THD is 108 dB at 1 KHz; in SO-8.	\$3.50/1,000	Prod.—Now
KGf1606	Oki 800.654.6388	Power amplifier for RF communications from 850 MHz to 2.4 GHz for PCS market and operates from 3-V supply; in SOT89 package.	\$10.74/1,000	Prod.—Now
Peripheral				
CS4236	Crystal 512.912.3022	Audio chip for PCs features 16-bit sound, FM synthesis, Sound Blaster and AdLib emulation, volume control, and Plug-and-Play compatibility.	\$39.50/10,000	Prod.—Now
53C770	Symbios 800.334.5454	Fast-20 SCSI controller is compatible with previous SCSI-2 controllers, with expanded 96-byte FIFO, 4K SCRIPTS memory, and clock doubler.	\$52.80/5,000	Samples—Now Prod.—1Q96
Programmable Logic				
XC95108	Xilinx 408.559.7778	CPLD is guaranteed for 10,000 program/erase cycles; operates at 3.3 V; has 108 macrocells with 2,400 usable gates; in 100-lead PQFP.	\$49.50/100	Samples—Now Prod.—1Q96
System Logic				
R380EX	RadiSys 503.646.1800	System-logic chip for Intel 386EX microprocessor has DRAM controller, ISA bus interface, RTC, mouse port, IDE, and 16 bits of digital I/O.	\$19.30/10,000	Samples—Now Prod.—1Q96
82C465MVB	Opti 408.486.8000	Core-logic chip set for mobile computers using a 486 bus, including Cyrix 5x86 and AMD Am5x86 CPUs; with LCD and PCMCIA control.	\$57/10,000	Prod.—Now