

RECENT IC ANNOUNCEMENTS

PART NUMBER	VENDOR	DESCRIPTION	PRICE/QUANTITY	AVAILABILITY
MICROPROCESSOR				
PIC16HV540	Microchip 602.786.7668	One-time-programmable microcontroller has 8-bit core and on-chip voltage regulator for 9-V and 12-V applications.	\$1.34/1,000	Prod.—Now
PIC16F876 PIC16F877	Microchip 602.786.7668	Microcontrollers have flash memory and are pin-compatible with equivalent chips with one-time-programmable or mask-programmed ROM.	\$7.97/1,000	Prod.—Now
PIC16F627 PIC16F628	Microchip 602.786.7668	Microcontrollers have 4-MHz clock oscillator, voltage comparators, USART, capture/compare PWM module, and 1K ('627) or 2K ('628) of flash.	\$2.98/1,000	Prod.—Now
TMP91CW12F	Toshiba 800.879.4963	Microcontroller has 16-bit TLCS900L/1 core, IrDA interface, 128K of ROM, 4K of RAM, four-channel DMA controller, 10-bit A/D converter.	\$8.30/10,000	Prod.—Now
TMP93CS20F	Toshiba 800.879.4963	Microcontroller has 16-bit TLCS900/L core, on-chip LCD driver, 64K of ROM, 2K of RAM, timer, eight 10-bit A/D converters.	\$5.95/10,000	Prod.—Now
DS87C550	Dallas Semi 972.371.4448	Microcontroller is compatible with 8051 but executes instructions more quickly; with 33-MHz clock speed, 10-bit A/D converter, 1K extra SRAM.	\$12.60/1,000	Prod.—Now
INTERFACE				
TNETX4080	Texas Instruments 800.477.8924	Low-cost eight-port Fast Ethernet device for 10/100-Mbps switches includes integrated management port.	\$55/10,000	Prod.—Now
PCI9610	PLX 408.774.9060	Bus-mastering PCI interface for Motorola MPC8260 PowerQUICC II processor has 66-MHz PCI 2.2 interface including CompactPCI hot-swap.	\$49/100	Prod.—Now
PEB20324H	Siemens 408.777.4500	Four-port 128-channel protocol controller for WAN internetworking gear has four 24/32-channel HDLC controllers with 64-channel DMA.	\$62.35/10,000	Prod.—Now
CS8900A-IQ CS8900A-CQ3	Crystal Semi 512.912.3587	Industrial-temperature-range embedded Ethernet controllers run at 5 V (IQ) or 3 V (CQ3), include 10Base-T transmit and receive filters.	\$8.80/10,000	Prod.—Now
MISCELLANEOUS				
AD627	Analog Devices 781.937.1428	Instrumentation amplifier has rail-to-rail outputs of ± 18 V, with a single 2.2-V supply; draws 85 μ A, with 10 ppm drift.	\$2/30/1,000	Prod.—Now
VIPer 31	STMicroelectronics 781.861.2650	Power manager for batteries that require rectangular constant-current, constant-voltage output characteristics; in SO-10 package.	\$1.30/10,000	Prod.—Now
AD9884	Analog Devices 781.937.1428	Analog-to-digital converter for digitizing RGB graphics has 140-Msps encode rate, 500-MHz analog bandwidth; supports $1,280 \times 1,024$.	\$25/10,000	Prod.—Now
AD8114 AD8115	Analog Devices 781.937.1428	High-speed 16×16 video crosspoint switches with 256 switch points, 16 output amplifiers, and control logic.	\$59.99/1,000	Prod.—Now
TLV1570	Texas Instruments 800.477.8924	Serial 10-bit A/D converter has throughput rate of 1.25 Msps at 5 V and 625 ksps at 3 V; with eight-channel multiplexer.	\$3.70/1,000	Prod.—Now
CS4294	Crystal Semi 512.912.3587	Multichannel AC 97 PC audio codec for multichannel sound cards combines two A/D converters, stereo mixing for three inputs.	\$3.50/10,000	Prod.—Now
CS5180 CS5181	Crystal Semi 512.912.3587	Delta-sigma 16-bit A/D converters have 93-dB signal/noise ratio and variable input rates of 8 kHz to 400 kHz.	\$12.50/1,000	Prod.—Now