

RECENT IC ANNOUNCEMENTS

PART NUMBER	VENDOR	DESCRIPTION	PRICE/QUANTITY	AVAILABILITY
MICROPROCESSOR				
SX18AC100 SX28AC100	Scenix 408.327.8888	SX-series microcontrollers are compatible with PIC family but run at 100 MHz, allowing software emulation of many peripheral devices.	\$5/100	Samples—Now Prod.—1Q99
PIC16F627 PIC16F628	Microchip 602.786.7668	Flash-based microcontrollers run at 4 MHz, with 1K ('27) or 2K ('28) of flash memory, 224 bytes of RAM, 128 bytes EEPROM.	\$3.24/1,000	Samples—Now Prod.—1Q99
PIC16F876 PIC16F877	Microchip 602.786.7668	Microcontrollers have 10-bit A/D converter, 2.0-V operating supply, pin-compatibility among flash-, EPROM-, and ROM-based versions.	\$7.97/1,000	Samples—Now Prod.—1Q99
INTERFACE				
PI74ALVTC16xxx	Pericom 408.435.0800	Family of 16-bit buffers and transceivers runs at 1.8 V to 3.3 V while delivering high drive capability; with bus-hold feature.	\$2.20/10,000	Prod.—Now
STi5505	STMicroelectronics 781.861.2650	Back-end decoder and host processor for DVD players includes ST20 CPU, MPEG-2 decoder, audio decoder, and PAL/NTSC encoder.	\$30/1	Prod.—Now
CS8900A	Crystal Semi 512.912.3351	Embedded Ethernet controller handles industrial temperature ranges, with on-chip filters, RAM, ISA bus interface, and small package size.	\$10.10/10,000	Prod.—Now
MISCELLANEOUS				
ML6427	Micro Linear 408.433.5200	Integrated driver chip filters and processes digital video signals after conversion to analog; handles composite, S-video, and RGB.	\$2.70/1,000	Prod.—Now
CS422x	Crystal Semi 512.912.3351	Audio codecs have 24-bit resolution and 105-dB dynamic range; with 110-dB SNR; with 3-V and 5-V interfaces.	\$13.20/1,000	Prod.—Now
CS8420	Crystal Semi 512.912.3351	Audio sample-rate converter processes audio rates from 8 kHz to 96 kHz within a 1:3–3:1 ratio; in 28-lead SOIC.	\$13.90/1,000	Samples—Now Prod.—1Q99
HV830LG	Supertex 408.222.4850	High-voltage inverter chip for electroluminescent backlighting lamps provides 200-V p-p AC output from DC source between 2.4 V and 9.5 V.	\$1.55/1,000	Prod.—Now
CS5180 CS5181	Crystal Semi 512.912.3351	Delta-sigma A/D converters have 16-bit precision, 93-dB SNR and input rates from 8 kHz to 400 kHz ('80) or 625 kHz ('81).	\$12.50/1,000	Samples—Now Prod.—1Q99
AD8309	Analog Devices 800.262.5643	500-MHz, 100-dB logarithmic amplifier provides both logarithmic and limiter outputs for accurate phase detection in CDMA and GSM phones.	\$7.75/1,000	Prod.—Now
SYSTEM LOGIC				
LM4560	National Semi 800.272.9959	AC97 PCI audio accelerator integrates 64-voice wavetable synthesis, 32 simultaneous digital audio channels; with PCI-bus power management.	\$8/1,000	Prod.—Now
CPC700	IBM 919.543.3336	Memory controller and PCI bridge for PowerPC 600-series and 700-series microprocessors handles 83-MHz bus, 66-MHz PCI; interfaces to SDRAM.	\$48/10,000	Samples—Now Prod.—1Q99
YMF738	Yamaha 408.467.2300	Digital-audio controller chip for PCI provides integrated modem and AC97 Link functions for audio/modem riser (AMR) cards; in 128-pin package.	\$10/10,000	Samples—Now Prod.—1Q99
ZPSD813F1V	WSI 510.656.5400	Support-logic chip for microcontrollers adds flash memory, EEPROM, SRAM, 3,000 gates of CPLD, and programmable MCU interface.	\$8.95/25,000	Prod.—Now