RECENT IC ANNOUNCEMENTS

PART NUMBER	VENDOR	DESCRIPTION	PRICE/QUANTITY	AVAILABILITY
DSP				
56309	Motorola 512.794.4100	DSP has 24-bit core, includes 102K of on-chip SRAM, runs at 80 MHz at 3.3 V; RAM can be partitioned between program and data space.	$47.60/10,000	Prod.—Now
MICROPROCESSOR				
PIC16CR54C	Microchip 602.768.7668	Microcontroller has 8-bit core, 1,024 × 12-bit memory, 72 bytes user RAM, 12 I/O pins, and 4-MHz internal oscillator.	$0.49/100,000	Prod.—Now
INTERFACE				
S3041 S3042	AMCC 800.755.2622	Transmitter and receiver chips for 2.4-GHz SONET OC-48 applications use 3.3-V supply; with on-chip PLL, clock decoupling, loopback, other features.	$110/100	Samples—Now Prod.—3Q98
AT43312	Atmel 800.292.8635	Hub controller for USB allows self-powered or bus-powered operation; uses 6-MHz crystal and PLL to reduce EMI; with connection-status pins for LEDs.	$2.25/10,000	Prod.—Now
XR16C850	Exar 510.668.7000	UART has on-chip transmit and receive FIFO counters and 128-byte FIFO to lessen CPU overhead in managing serial transmissions.	$5/10,000	Prod.—Now
MEMORY				
IDT71V546 IDT71V547	IDT 800.345.7015	Synchronous SRAMs have zero-bus-turnaround (ZBT) feature, 100-MHz operating frequency, 8-ns clock-to-data access time, 4-Mbit capacity.	$42.90/1,000	Prod.—Now
CY7C1334	Cypress 408.943.2600	Synchronous pipelined SRAM has 2-Mbit capacity, organized as 64K×32, with no delay between consecutive write and read cycles; 100-MHz bus.	$13/1,000	Prod.—Now
HN5X2402	Hitachi 800.285.1601	Serial E^2PROM has two-wire I^2C interface, 256×8-bit capacity, 400-kHz clock frequency; operates on 1.8-V power supply.	$0.40/10,000	Prod.—Now
MISCELLANEOUS				
CS4334	Cirrus 512.912.3113	Digital/analog converter has 24-bit accuracy, 96-kHz rate for CD audio; housed in small, 8-lead SOIC package.	$1.95/1,000	Prod.—Now
AT24RF08	Atmel 800.292.8635	Asset-identification chip contains 8,192 bits of E^2PROM with wireless or two-wire serial interface; wireless receivers can detect presence and data.	$1.99/1,000	Samples—Now Prod.—3Q98
HC515	Microchip 602.786.7668	Code-hopping decoder for remote keyless-entry systems accommodates seven transmitters, includes 1,024 bits of E^2PROM.	$1.77/10,000	Prod.—Now
AT88SC1608	Atmel 408.441.0732	Security device for smart cards allows exchange of encrypted data streams; with two-wire interface, 256×8-bit memory, wide voltage range.	$0.57/100,000	Prod.—Now
SYSTEM LOGIC				
ZPSD6xx	WSI 510.657.8495	Peripheral chips combine 12 PLD macrocells, seven chip selects, 26 I/O pins, 32K to 128K of EPROM, 512 bytes of NVSRAM, and security bit.	$4.97/10,000	Prod.—Now
CY228x	Cypress 408.943.2600	Motherboard clock generators for Pentium II systems with 100-MHz bus come in 28- and 48-lead packages, with or without internal buffers.	$3.15/10,000	Prod.—Now
PCI1450	TI 800.477.8924	PCI-to-CardBus controller includes new power-management features for eventual OnNow requirements; hot insertion and removal supported.	$14.50/10,000	Samples—Now Prod.—4Q98