

RECENT IC ANNOUNCEMENTS

PART NUMBER	VENDOR	DESCRIPTION	PRICE/QUANTITY	AVAILABILITY
MICROPROCESSOR				
TLCS-870	Toshiba 800.879.4963	Microcontroller family with 8-bit cores operates from 1.8-V supply; with 4K–8K ROM, 256 bytes RAM, and 1.3-mA operating current.	\$2.70/10,000	Prod.—Now
PIC16C64x	Microchip 602.786.7668	Family of 8-bit microcontrollers provide analog features, including two precision voltage comparators, voltage reference, and brown-out protection.	\$4.10/1,000	Prod.—Now
68HC11EA9 68HC11KW1	Motorola 512.328.2268	Two 8-bit microcontrollers are designed for automotive applications such as A/C, windows, central locking; with PLL and UART.	\$6.79/10,000	Prod.—Now
INTERFACE				
PCI1250	TI 800.477.8924	PCI-to-CardBus controller handles transfers at 130M/s, approaching theoretical limit of PCI bandwidth; includes power management.	\$16.52/100,000	Samples—Now Prod.—2Q97
Am79C989	AMD 408.749.5703	Physical-layer chip lowers cost of 10BASE-T Ethernet switches by integrating four ports with auto-negotiation for full-duplex capability.	\$9.50/10,000	Samples—Now Prod.—2Q97
CXD1947Q	Sony 408.955.6572	Host controller for IEEE-1394 (FireWire) applications has PCI interface, transmits and receives isochronous or asynchronous data packets.	\$50/1	Samples—1Q97 Prod.—2Q97
CXD1944R	Sony 408.955.6572	Physical-layer interface chip supports 200-Mbps IEEE-1394 transfers to/from host controller; handles arbitration and initialization functions.	\$25/1	Samples—1Q97 Prod.—2Q97
PDI1394L11	Philips 800.447.1500	Link-layer controller for IEEE-1394 interfaces meets IEC 1883 specs for transporting digital video over IEEE-1394; with byte-wide interface.	\$11/10,000	Prod.—Now
TC35821F	Toshiba 800.879.4963	ATM framer chip supports 155-Mbps transfers for routers and network-interface cards; with clock recovery, byte alignment, and frame sync.	\$35/1,000	Samples—Now Prod.—1Q97
MEMORY				
HM5264405TT-10	Hitachi 800.285.1601	100-MHz synchronous DRAM has 64-Mbit capacity, organized as 8M×8 or 4M×16, with 3.3-V supply voltage; in TSOP-II package.	\$90/1,000	Samples—1Q97 Prod.—2Q97
ISD33000	ISD 408.369.2400	Voice-recording memory adds auto-mute feature to eliminate recording of background noise; 1–1.5 or 2–4-minute capacity.	\$7.95/50,000	Prod.—Now
X76F640	Xicor 408.432.8888	Flash memory has serial interface and data-security features, with 64-bit read and write passwords for separate blocks of data.	\$3.95/10,000	Prod.—Now
25C080	Microchip 602.786.7668	Serial E ² PROM supports serial peripheral interface (SPI) with fast, 3-MHz data-transfer rate and 1.8–6.0-V operating supply; 8K capacity.	\$1.08/1,000	Prod.—Now
MISCELLANEOUS				
HCS410	Microchip 602.786.7668	Code-hopping transponder and encoder for remote keyless entry systems combines security and small package; with 2.0–6.0-V supply range.	\$1.36/10,000	Samples—1Q97 Prod.—2Q97
HCS500	Microchip 602.786.7668	Code-hopping decoder for remote keyless entry or access-control systems handles reception and validation of codes, learning new transmitters.	\$1.17/5,000	Prod.—Now
STi4600	SGS-Thomson 617.259.0300	Dolby AC-3 decoder chip is capable of decoding 5.1-channel digital audio, satisfying all functional and performance parameters of AC-3 Class A.	\$13.50/100,000	Prod.—Now
SYSTEM LOGIC				
SD6430	Sigma Designs 510.770.0100	Integrated RealMagic 3D video accelerator is designed to meet Direct3D and DirectDraw requirements; includes 24-bit RAMDAC.	\$25/10,000	Prod.—Now
VxP195	AuraVision 510.252.6800	Chip simplifies integration of several non-PCI audio/video sources in a single PCI slot; with five DMA channels, I ² S interface, endian control.	\$20/10,000	Samples—Now Prod.—2Q97