

RECENT IC ANNOUNCEMENTS

PART NUMBER	VENDOR	DESCRIPTION	PRICE/QUANTITY	AVAILABILITY
MICROPROCESSOR				
SH7040/41	Hitachi 800.285.1601	Microcontroller based on SH-2 processor includes 64K mask ROM, 4K SRAM, 10-bit A/D, and 16-bit ('40) or 32-bit ('41) bus.	\$20/10,000	Samples—2Q97 Prod.—4Q97
SH7042/43	Hitachi 800.285.1601	Microcontroller based on SH-2 processor includes 128K mask ROM, 4K SRAM, 128K PROM, 10-bit A/D, and 16-bit ('42) or 32-bit ('43) bus.	\$23/10,000	Prod.—Now
H8S/2245	Hitachi 800.285.1601	Microcontroller has 16-bit CISC core, six power-saving modes, 2.2-V supply, 20-MHz (maximum) clock speed, and integrated peripherals.	\$9.25/10,000	Samples—Now Prod.—2Q97
IS80C31	ISSI 408.588.0800	New 8051-compatible microcontroller is first for the company; runs at 40 MHz using external memory; in DIP, PLCC, and PQFP packages.	\$2.35/100	Prod.—Now
PIC12C671	Microchip 602.786.7668	Microcontroller fits in tiny, 8-pin package with 1,024-word program memory, 128 bytes user RAM, and 6 multiplexed I/O pins.	\$1.88/5,000	Samples—Now Prod.—2Q97
C161V	Siemens 800.877.9839	New microcontroller family is based on C166 core, runs at 16 MHz, has 1K on-chip RAM, three 16-bit timers, demultiplexed bus.	\$4.79/1,000	Prod.—Now
INTERFACE				
CS6403	Crystal 512.912.3166	Echo-canceling codec integrates full-duplex codec, DSP, and ROM; chip can be used in speakerphones; in TQFP or PLCC packages.	\$10.40/10,000	Prod.—Now
PCI2030	TI 800.477.8924	PCI-to-PCI bridge chip handles 132M/s data transfers, is compatible with 5-V and 3.3-V signaling, and complies with version 2.1 specification.	\$17/1,000	Prod.—Now
ML6550	Micro Linear 408.433.5200	Active bus terminator can terminate up to 40 bus lines; on-chip regulation produces a 2.5-V output for 5-V buses, 1.65-V for 3.3-V buses.	\$2.03/1,000	Prod.—Now
Am79C730	AMD 800.222.9323	Four-port repeater chip for Ethernet hubs handles 100Base-TX physical layer including MLT-3 functions; provides port monitoring functions.	\$39.85/25,000	Samples—Now Prod.—2Q97
MEMORY				
HM67S36130 HM67S18258	Hitachi 800.285.1601	Synchronous SRAMs are organized as 128K×36 ('130) or 256K×18 ('258), with 8-ns cycle time, register-to-latch operation.	\$200/1,000	Samples—Now Prod.—3Q97
TC58V64FT	Toshiba 800.879.4963	Flash EPROM uses NAND architecture, has 64-Mbit capacity, organized as 528×16K×8, with 50-ns serial read cycle time.	\$65/1,000	Samples—Now Prod.—3Q97
Am29LL800	AMD 800.222.9323	Flash memory device offers 2.2-V read and write operations, reducing power consumption 50% compared with 3.3-V devices; 150-ns access time.	\$10.70/10,000	Prod.—Now
MISCELLANEOUS				
DS1705	Dallas 972.371.4448	Economical oscillator provides 1% accuracy without using external timing components; provides frequencies of 0.2–100 MHz; in DIP-8.	\$1.70/1,000	Prod.—Now
TDA1388T	Philips 31.40.272.2091	Integrated bitstream-continuous-calibration (BCC) sound processor for CD-ROMs, combining DAC, up-sampling digital filter, headphone drivers.	\$2/50,000	Prod.—Now