

RECENT IC ANNOUNCEMENTS

PART NUMBER	VENDOR	DESCRIPTION	PRICE/QUANTITY	AVAILABILITY
MICROPROCESSOR				
68HC705KJ1	Motorola 800.765.7795	Microcontroller has 68HC05 CPU core, 1,240 bytes of OTPROM, 64 bytes of RAM, 10 bidirectional I/O pins; in 16-pin SOIC or DIP.	\$0.50/500,000	Prod.—Now
SX18AC SX28AC	Scenix 408.327.8888	Pair of 8-bit microcontrollers run at 50 MHz, with 2K of flash memory, oscillator, power management; in 18- and 28-lead packages.	\$3.49/1,000	Prod.—Now
8051XA-S3	Philips 800.447.1500	Newest 8051-compatible processor has 10-bit A/D converter, programmable counter array, I ² C interface, and 32K of EPROM.	\$8/10,000	Samples—Now Prod.—2Q98
INTERFACE				
PI2C6040	Pericom 408.435.0800	Four-port integrated Ethernet physical-layer (PHY) interface; with four ports, part is suitable for hubs and switches.	\$9.95/10,000	Prod.—Now
S3041 S3042	AMCC 800.755.2622	Eight-bit transmitter ('41) and receiver ('42) for SONET/SDH/ATM applications in 2.4-GHz OC-48 systems; in 100-lead TQFP.	\$110/100	Samples—Now Prod.—3Q98
MEMORY				
M48Z2M1Y M48Z512A/Y	SGS-Thomson 781.259.0300	Zero-power SRAMs have 16-Mbit ('2M1) and 4-Mbit ('512) capacity, built-in battery, 600-mil DIP package, 10-year data retention.	\$44/1,000	Prod.—Now
24LC256 24AA256	Microchip 602.786.7668	Serial E ² PROMs have fast, 5-ms write-cycle time and 256-Kbit capacity, and run from 2.5-V ('LC) or 1.8-V ('AA) power supplies.	\$2.98/1,000	Prod.—Now
MCM63Z73x	Motorola 512.933.8705	Fast static RAMs have 4-Mbit capacity and zero bus-turnaround capability to eliminate dead cycles between writes and reads; in x36 organization.	\$39/1,000	Samples—Now Prod.—2Q98
MCM63Z81x	Motorola 512.933.8705	Fast static RAMs have 4-Mbit capacity and zero bus-turnaround capability to eliminate dead cycles between writes and reads; in x18 organization.	\$39/1,000	Samples—Now Prod.—2Q98
MISCELLANEOUS				
EVC PRO	Lucent 800.372.2447	Variable-rate codec for CDMA telephones integrates DSP, voice codec, and 72 Kwords of ROM; runs at 100 MHz from 3.3 V.	\$50/1	Samples—Now Prod.—3Q98
MSM9831	Oki 408.737.6445	Speech-synthesis chip can generate voice prompts or mechanical sound effects; 4-kHz to 16-kHz sampling frequencies; 11 seconds playback time.	\$1.15/10,000	Samples—Now Prod.—3Q98
VCX162xx	Pericom 408.435.0800	Family of 16-bit buffers and transceivers for 2.5-V systems such as PCs, with 24-mA output drive and 2.5-ns propagation delays.	\$2.05/1,000	Prod.—Now
PI6C671	Pericom 408.435.0800	Clock synthesizer for Pentium and Pentium II systems has two PLLs, 2.5–3.3-V operation, seven synchronous PCI clocks, eight SDRAM clocks.	\$2.50/10,000	Prod.—Now
PROGRAMMABLE LOGIC				
EPF6024A	Altera 408.544.7000	Programmable device has 24,000 gates of logic, 3.3-V operation, 1,960 logic elements; built in 0.35-micron SRAM process.	\$9.50/10,000	Samples—Now Prod.—4Q98
Flash370i	Cypress 408.943.2600	Family of programmable devices has 3.3-V-tolerant I/O pins, in-system programmability using flash memory cells.	\$1.25/10,000	Prod.—Now