R E C E N T   I C   A N N O U N C E M E N T S

PART NUMBER	VENDOR	DESCRIPTION	PRICE/QUANTITY	AVAILABILITY
MICROPROCESSOR				
88C166-5M	Siemens 408.777.4500	16-bit microcontroller operates at 20 MHz and includes 32K of flash memory accessible via internal 32-bit bus for improved performance.	$37/1,000	Prod.—Now
W65C02S	WDC 602.962.4545	Venerable 6502 microprocessor moves to 0.8-micron process, boosting speed to 16 MHz and allowing 3.3-V operation; also integrated versions.	$2/100,000	Prod.—Now
INTERFACE				
PCT288I	PC-Tel 408.383.0452	Modem chip supports data rates of 33.6 kbps and fax at 14.4 kbps using data processing from Pentium host; with 8-/16-bit ISA interface.	$35/10,000	Prod.—Now
SC82C168	Philips 408.991.3626	Media-access controller (MAC) handles 10/100-Mbps Ethernet with few external components; includes PCI interface, 10BASE-T transceiver.	$23/50,000	Prod.—Now
MEMORY				
M29V040	SGS-Thomson 617.259.0300	Flash memory has 4-Mbit capacity, organized as 512K×8, and runs from a single 3.3-V supply with 120-ns read-access time; in PLCC and TSOP.	$11.50/11,000	Prod.—Now
M27C405	SGS-Thomson 617.259.0300	One-time programmable (OTP) PROM has 4-Mbit capacity (512K×8), 70-ns access time, 5-V read voltage, 12.75-V program voltage.	$6.90/11,000	Prod.—Now
2480A	Music Semi 719.570.1550	Content-addressable memory (CAM) has 2K×64 capacity, provides data-efficient searching for LAN equipment; in 70-, 90-, and 120-ns speeds.	$38/1,000	Prod.—Now
MT41LC256K32D4	Micron 208.368.4400	Synchronous graphics DRAM (SGRAM) has 8-Mbit capacity, organized as 256K×32, runs at 66 MHz from 3.3-V supply; in TQFP-100 package.	$30/10	Samples—Now Prod.—3Q96
Am29F800	AMD 408.749.5703	Flash memory has 8-Mbit capacity, configurable as 512K×8 or 256K×16, and operates from a single 5-V supply; guaranteed for 100,000 cycles.	$23.10/1,000	Prod.—Now
MISCELLANEOUS				
ST5090	SGS-Thomson 617.259.0300	Voice coder/decoder for portable communications applications operates from single 3.3-V supply and consumes only 21 mW in operation.	$4.96/10,000	Prod.—Now
EZ117 ES117A	Semtech 805.498.2111	Low-dropout voltage regulators provide 3.3-V DC supply from 5-V source; with 800-mA (117) or 1-A (117A) source current and 1.2-V dropout.	$1.45/200	Prod.—Now
LX5285	Linfinity 714.898.8121	Voltage regulator provides 800-mA source, 400-mA sink fixed 2.85-V voltage source for SCSI systems and peripherals; in SOT-223 package.	$2.45/1,000	Samples—Now Prod.—3Q96
PROGRAMMABLE LOGIC				
ATF16V8C-5	Atmel 408.441.0311	PLD is flash based and offers 5-ns worst-case pin-to-pin delay and 90-mA operating current draw; in dual-inline and surface-mount packages.	$7.14/100	Prod.—Now
SYSTEM LOGIC				
PSD304R	WSI 510.656.5400	Microcontroller peripheral includes 256K of program store, I/O pins, and programmable logic; interfaces to most 8-bit microcontrollers; in TQFP-44.	$8.22/5,000	Prod.—Now