PART NUMBER	VENDOR	DESCRIPTION	PRICE/QUANTITY	AVAILABILITY
MICROPROCESSOR				
PIC12CE673 PIC12CE674	Microchip 602.786.7768	8-bit RISC microcontrollers feature E^{2}PROM data memory, four-channel 8-bit analog-digital (A/D) converter, and on-chip oscillator.	$2.04/1,000 $2.39/1,000	Sample—Now Prod.—3Q98
PIC6CE623-04/P PIC16CE624-04/P	Microchip 602.786.7768	8-bit microcontrollers offer 13 I/O pins, 35 single-cycle instructions (200-ns execution time), and 8-bit timer/counter with 8-bit prescaler.	$1.61/1,000 $1.91/1,000	Samples—Now Prod.—3Q98
PSD8XXF2	WSI 510.498.1723	Flash MCU device in 52-pin PLDCC package allows flash memory erase/write operations.	6.76/25,000	Prod.—4Q98
AT90S2323 AT90S2343	Atmel 408.487.2535	8-pin, 8-bit flash microcontrollers with on-board E^{2}PROM include 2K of flash memory, 128 bytes SRAM, and 128 bytes E^{2}PROM.	$2.0/10,000	Prod.—Now
IS89C52	ISSA 408.969.4614	8-bit microcontroller with 8K of flash memory, 40-MHz clock rate, and 32 programmable I/O lines; in 40-pin DIP.	$4.50/1,000	Prod.—Now
INTERFACE				
CY7B9514V	Cypress 408.943.2600	ATM transceiver offers clock and data recovery for both 155.52-Mbit/s (O-3/STS-3/SDH-1) and 51.84-Mbit/s (OC-1/STS-1) data streams.	$47.50/10,000	Samples—Now Prod.—Now
GP2Lynx PCILynx2	Texas Instruments 800.477.8924	Used in PCI-to-1394 applications, this device supports communication speeds of 400, 200, and 100 Mbit/s.	$11.32/1,000	Prod.—3Q98
CS5529	Crystal Semi 512.912.3823	16-bit A/D converter offers a 5-V reference, digital filter, +/-2.5-V dual power supply, 6-bit latch output, and SPI-compatible interface.	$3.80/1,000	Prod.—Now
MEMORY				
HM5264405DTT-B60	Hitachi 800.285.1601	Fully PC-100 compliant, 64-bit synchronous DRAMs (SDRAMs) that support CL2 and 3.6-ns t_{ac}, clock frequencies up to 125 MHz.	$17.50/10,000	Samples—Now Prod.—3Q98
IS61NW6432	ISSI 408.969.4614	Synchronous 64K × 32 SRAM allows 100% bus utilization during read-write operations.	$10/1000	Samples—Now Prod.—3Q98
M2C322	STMicroelectronics 781.259.0300	32-Mbit EPROM with standard 5-V supply, 80-ns access time, 70-mA power consumption at 8 MHz, in a fixed 2M × 16-bit configuration.	$15/10,000	Samples—Now Prod.—3Q98
25LC640	Microchip 602.786.7668	Serial 64K E^{2}PROM offers SPI, 1.8-volt, 5-ms write cycle operation, 3 MHz @ 5-V clock speed, 3-mA write current, and 500-μA read current.	$0.75/1,000	Prod.—Now
MISCELLANEOUS				
TDA7521 TDA7522	STMicroelectronics 781.259.0300	Front-end chip set offers an on-chip "shockproof" controller for 16-Mbit external memory for up to nine seconds of audio.	$6.00/1,000,000	Prod.—Now
PROGRAMMABLE LOGIC				
A42MX36 A42MX24	Actel 408.739.1010	PCI-compliant device offers 2,560 bytes of dual-port SRAM and operates in pure 5-V, 3.3-V, or 5/3.3-V mixed systems.	$29.90/100,000 $12.30/100,000	Prod.—1Q99 Prod.—1Q99