PART NUMBER	VENDOR	DESCRIPTION	PRICE/QUANTITY	AVAILABILITY
MICROPROCESSOR				
ST10R163 ST10R165	SGS-Thomson 617.259.0300	Microcontrollers based on ST10 16-bit core operating at 10 MHz, with 1K ('163) or 4K ('165) of internal SRAM; in TQFP-100 packages.	$10/10,000	Prod.—Now
TMP87xx48x	Toshiba 800.879.4963	Microcontrollers based on 8-bit TLCS-870 core include I^{2}C interface, UART, 10-bit A/D and 12-bit D/A converters, other features.	$5/1,000	Prod.—Now
TMP91CU10F TMP91PW10F	Toshiba 800.879.4963	Microcontrollers based on 16-bit TLCS-900 core operate from 2.0 V; with 96K–128K of ROM, 3K–4K of RAM; in LQFP-100 package.	$11/10,000	Samples—Now Prod.—3Q97
PIC16C76 PIC16C77	Microchip 602.786.7668	One-time programmable microcontrollers have 4K×14 bits PROM, 376 bytes of RAM, and analog-to-digital converter.	$7.20/1,000	Prod.—Now
INTERFACE				
SYM13FW500	Symbios 800.856.3093	ATAPI-to-FireWire interface supports two ATA/ATAPI devices; allows remote location of peripherals such as DVDs, hard disks, and CD-ROMs.	$10/10,000	Prod.—Now
ATM622-s	Sun 415.336.2661	ATM segmentation and reassembly (SAR) chip handles 622-Mbps data rate; supports CBR, VBR, and UBR bit rates, AAL 5 in hardware.	$300/1,000	Prod.—Now
LVTH18502A	TI 800.477.8924	Low-voltage JTAG universal bus transceivers offer bus hold and series damping resistors; can act as driver, latch, flip-flop, or transceiver.	$7.50/1,000	Prod.—Now
MEMORY				
HM62P2321FP	Hitachi 800.285.1601	SRAM has 1-Mbit capacity, organized as 32K×32, with 5-ns access time; 2.5-V I/O signaling level and byte-write feature.	$15/1,000	Samples—Now Prod.—2Q97
DM2202J-10	Enhanced Memory 800.545.3726	Enhanced DRAM (EDRAM) has 10-ns read- and write-access time within page, 25-ns random access time; organized as 1M×4.	$18.67/1,000	Prod.—Now
MISCELLANEOUS				
ST20-TP2	SGS-Thomson 617.259.0300	Intelligent transport decoder for digital TV broadcast receivers combines ST20 32-bit RISC core with demultiplex and descrambling functions.	$25/10,000	Prod.—Now
PSD211R	WSI 510.656.5400	Programmable microcontroller peripheral has 23K of EPROM, address decoder, security features, and flexible 8-bit bus interface.	$1.99/100,000	Prod.—Now
LX8382	Linfinity 714.372.8357	Positive regulator is designed to provide 10A of output current; dropout limited to 1.4V (maximum) at operating current, decreasing at lower loads.	$5.10/1,000	Prod.—Now
TDA4885	Philips 31.40.272.2091	Video-monitor controller chip has I^{2}C bus and controls brightness, contrast, white point, black level, and on-screen display contrast; in 32-pin SDIP.	$1.60/100,000	Prod.—Now
SC1151	Semtech 805.498.2111	Power module circuit meets output specifications for Pentium II processor; voltage controller has 5-bit D/A converter, power-good signal, shutdown.	$2.75/10,000	Prod.—Now
PROGRAMMABLE LOGIC				
XC4000E	Xilinx 408.559.7778	HardWire array provides PCI interface plus up to 10,000 gates of user-programmable logic; operates at 33 MHz; in 208-lead PQFP package.	$19.50/25,000	Prod.—Now
SYSTEM LOGIC				
AMD640	AMD 800.222.9323	Core-logic chip set for K6 and other Socket-7 processors includes SDRAM controller, UltraDMA/33, ACPI power management, and USB controller.	$32.85/1,000	Prod.—Now