PART NUMBER	VENDOR	DESCRIPTION	PRICE/QUANTITY	AVAILABILITY
MICROPROCESSOR				
TMP93PM84F	Toshiba 800.879.4963	Microcontroller has 16-bit TLCS-900/L CPU core, multiply-accumulator, duty-cycle controller, 10-bit A/D converter, three UART channels.	$7/10,000	Samples—4Q97 Prod.—1Q98
TMP95FW86F	Toshiba 800.879.4963	Microcontroller has 16-bit TLCS-900/L CPU core, 128K of flash memory, 4K RAM, timers, 10-bit A/D converter, pulse-width modulation (PWM).	$40/10,000	Prod.—Now
TMP87CM53F	Toshiba 800.879.4963	Microcontroller has 16-bit TLCS-870 CPU core, dual-tone, multifrequency (DTMF) function for digital telephones, clock controller, timer, ROM.	$5.50/10,000	Prod.—Now
H8/3437F H8/3734YF	Hitachi 800.285.1601	Microcontrollers includes 60K of flash memory, 2K SRAM, six timers, two USARTs, I^2C port, and eight-channel, 10-bit A/D converters.	$15/1,000	Prod.—Now
INTERFACE				
OTI-9220	Oak 408.737.0888	CD-ROM controller combines DSP, servo, block decoder, and 1M of DRAM; supports 20× spindle speeds; in LQFP-176 package.	$15/10,000	Samples—Now Prod.—4Q97
PCI2031	TI 800.477.8924	PCI-to-PCI bridge chip has 50% deeper FIFOs, meets ACPI power-management specifications; in TQFP-176 package.	$14.50/1,000	Prod.—Now
CXB1586R CXB1586AR	Sony 408.955.6572	Single-chip 10-bit transceivers for 1.06-Gbit fibre channel applications include PLL for clock generation and recovery; in PQFP-64 package.	$15/1,000	Prod.—Now
TSB12LV41	TI 800.477.8924	FireWire link-layer controller assembles MPEG-2 packets on-chip, relieving system microprocessor; with 8/16-bit CPU interface.	$13.94/1,000	Samples—Now Prod.—4Q97
MEMORY				
7236xx	IDT 800.345.7015	Family of FIFOs offers unidirectional and bidirectional bus-matching, triple-bus interfaces, 36-bit buses, 15-ns access times.	$23.10/100	Prod.—Now
M39432	SGS-Thomson 617.259.0300	Chip combines 4-Mbit flash memory and 256-Kbit E^2PROM in one device; both memories share address, data buses; in TSOP-40 package.	$9.50/10,000	Prod.—Now
MISCELLANEOUS				
YMF724 YMF725	Yamaha 408.467.2300	PCI audio chip set uses licensed Sondius-XG waveguide technology, is PC '97–compliant, supports 64 voices at 44.1 kHz.	$20/10,000	Samples—Now Prod.—1Q98
TSM221	SGS-Thomson 617.259.0300	Combination analog IC includes two independent op amps and two comparators; tolerates supply from 2.7 to 16V; in SO14 package.	$0.65/100,000	Prod.—Now
ML6552	Micro Linear 408.433.5200	Bus terminator works with GTL, SSTL, Rambus, LVTTL, and other levels; actively sources or sinks 1A of current as needed; in SOIC-8 package.	$1.60/1,000	Prod.—Now
DS1624	Dallas Semi 972.371.4448	Digital thermometer includes 256 bytes of E^2PROM to store compensation information; temperature from –55ºC to 125ºC output as 13-bit word.	$3.40/1,000	Prod.—Now
L64724	LSI Logic 800.574.4286	Satellite receiver chip includes its own microprocessor to allow self-tuning; includes DVB/DSS QPSK demodulator, forward error correction, others.	$10/100,000	Prod.—Now
LPR30	SGS-Thomson 617.259.0300	Voltage regulator for use with external n-channel power MOSFET for 0.5-V to 50-V output; contains integrated error amplifier.	$0.50/1,000	Prod.—Now
PROGRAMMABLE LOGIC				
ZPSD511-15J	WSI 510.656.5400	Low-power microcontroller support chip includes 5,000 gates of logic, EPROM, SRAM, counter/timers, I/O pins, and flexible bus interface.	$8.58/10,000	Prod.—Now