

## RECENT IC ANNOUNCEMENTS

PART NUMBER	VENDOR	DESCRIPTION	PRICE/QUANTITY	AVAILABILITY
<b>MICROPROCESSOR</b>				
ST10R262 ST10F262	SGS-Thomson 617.259.0300	Microcontrollers have 16-bit ST10 cores with multiply-accumulate capability and pulse-width modulation (PWM); with ROM or flash.	\$6.27/10,000	Prod.—Now
<b>INTERFACE</b>				
OTI-8900	Oak 408.523.6400	DVD-ROM ATAPI controller has integrated content-scrambling system (CSS) and 44.32-Mbps transfer rate for 4× DVD or 40× CD-ROM.	\$10/10,000	Prod.—Now
CY7B952	Cypress 408.943.2600	Clock- and data-recovery transceiver for ATM and SONET/ATH applications complies with CCITT jitter specifications for 155.52-Mbps channel.	\$33.50/1,000	Prod.—Now
S3019/32/33/35	AMCC 800.755.2622	Transceivers for SONET OC-12 and SDH STM-4 circuits handle 622-Mbps data rates; with integrated clock- and data-recovery.	\$31/5,000	Samples—Now Prod.—1Q98
S2053/54	AMCC 800.755.2622	Dual-frequency gigabit Ethernet transceivers allow common clock to be distributed throughout Ethernet system; '54 integrates reference clock.	\$18/1,000	Prod.—Now
S5933	AMCC 800.755.2622	Target-only controller for PCI bus complies with proposed PCI 2.2 specification; includes 32-byte bidirectional FIFO, four pass-through regions.	\$15/10,000	Prod.—Now
<b>MEMORY</b>				
TC55V2001STI-85	Toshiba 800.879.4963	SRAM has 2-Mbit capacity, organized as 256K×8, with 70-ns access time from 3.3-V supply; available in chip-scale and BGA packaging.	\$7/1,000	Samples—Now Prod.—4Q97
24AAxx	Microchip 602.786.7668	Serial E <sup>2</sup> PROMs work at industrial temperature ranges from 1.8-V supply, with I <sup>2</sup> C serial interface and 1K, 2K, 4K, 8K, and 16K capacities.	\$0.39/1,000	Prod.—Now
CY7C1049	Cypress 408.943.2600	SRAM has 4-Mbit capacity, organized as 512K×8, and 17-ns access time; six-transistor cell design dissipates less standby power than 4T cell.	\$23/10,000	Prod.—Now
TC59G1632AFB	Toshiba 800.879.4963	Synchronous graphics RAM (SGRAM) has 16-Mbit capacity, supports block transfers and write-per-bit, and 100-MHz clock rate.	\$15/1,000	Prod.—Now
29LV160BT-120	AMD 800.222.9323	Flash memory has 16-Mbit capacity, boot-block feature, and 16-bit data bus; 80-ns access time and 100,000-cycle erase/write guarantee.	\$18.65/10,000	Prod.—Now
M29R008	SGS-Thomson 617.259.0300	Flash memory has 8-Mbit capacity with selectable ×8/×16 organization; operates from nominal 3.3-V supply, or as low as 1.8 V.	\$12/10,000	Prod.—Now
<b>MISCELLANEOUS</b>				
MC34063A	SGS-Thomson 617.259.0300	DC-DC converter-control chip includes precision temperature-compensated voltage reference, comparator, duty-cycle controlled oscillator.	\$0.60/1,000	Prod.—Now
CS4611	Cirrus 512.912.3140	SoundFusion PCI audio accelerator uses SLIMD processor, DMA, and DSP engines; multiple API support, wavetable synthesis, and 3D audio.	\$18/10,000	Prod.—Now
<b>PROGRAMMABLE LOGIC</b>				
PSD7xx	WSI 510.656.5400	MCU support chip includes programmable supervisor functions, 2,500 gates of CPLD, 32K of EPROM, 512 bytes of SRAM, and I/O pins.	\$6.67/10,000	Prod.—Now