Recent IC Announcements

Part Number	Vendor	Description	Price/Quantity	Availability
Embedded Microprocessors				
R3041	IDT 800.345.7015	MIPS-architecture RISController available at 33 MHz in 100-pin TQFP, thin enough for PCMCIA applications; in 5-V and 3.3-V versions.	$14/10,000	Prod.—Now
ST7271	SGS-Thomson 617.259.0300	Microcontroller is specifically designed for use in multiple-frequency monitors; includes pin-cushion correction, integrated sync processor.	$8/10,000	Prod.—Now
AT89C2051	Atmel 408.441.0311	80C51-compatible microcontroller with 2K on-chip flash memory and two-pin UART interface in 20-pin package.	$3.60/1,000	Prod.—Now
Interface				
AD7896	Analog Devices 617.937.1428	Small 12-bit analog-to-digital converter available at throughputs up to 100 Ksamples/sec, operates from single 2.7–5.5-V supply.	$6.75/1,000	Prod.—Now
AD8011	Analog Devices 617.937.1428	Op amp provides 300-MHz bandwidth while drawing maximum of 1 mA from 5-V supply; 0.1-dB flatness to 25 MHz, 0.02% differential gain.	$1.95/1,000	Prod.—Now
TD300	SGS-Thomson 617.259.0300	Triple IGBT/MOS driver chip can be used in motor-control topologies as a triple low-side or half-bridge driver, from CMOS or TTL inputs.	$0.92/1	Prod.—Now
CS8130	Crystal 512.442.7555	Infrared transceiver chip implements Infrared Data Association (IrDA) standard; includes UART interface, baud rates to 115.2 Kbps.	$5.50/1,000	Prod.—Now
DS2151	Dallas 214.450.0470	Single-chip T1 transceiver incorporates line interface unit for both long- and short-haul lines, comes with factory-written firmware drivers.	$25/5,000	Prod.—Now
Memories				
HM67B3632 HM67B1864	Hitachi 800.285.1601	Synchronous 1-Mbit SRAMs enable zero-wait-state cache for 66-MHz Pentium at 3.3 V. Organized as 64K×18 ('64) or 32K×36 ('32).	$35/10,000	Samples—Now Prod.—1Q95
IDT71420	IDT 800.345.7015	Synchronous 512K SRAM enables zero-wait-state cache in 100-MHz Pentium systems. Organized as 32K×18.	$30/10,000	Prod.—Now
ST24E16 ST24E32	SGS-Thomson 617.259.0300	Serial E^{2}PROMs use extended I^{2}C serial protocol to fit more than 16K into 8-pin DIP; use clock-pulse counting for greater noise immunity.	$1.40/10,000	Prod.—Now
Miscellaneous				
ML4828	Micro Linear 408.433.5200	Device packs into a single BiCMOS chip all circuitry needed for phase-modulated switching power supplies with output greater than 500 W.	$3.38/1,000	Samples—Now Prod.—3/95
Bt819	Brooktree 800.228.2777	Video-capture processor for MediaStream family accepts TV/VCR input; on-chip dual oversampling ADCs, pixel buffering, and image resizing.	$21/1,000	Prod.—Now
Bt815	Brooktree 800.228.2777	Composite video-decoder chip for MediaStream family offers low-cost video capture and decoding for systems with no S-video source.	$16/1,000	Prod.—Now
Programmable Logic				
ATV2500BQL	Atmel 408.441.0311	Ultra-low-power version of 44-pin ATV2500 logic family features 2-mA standby current, 25 macrocells, and pin-to-pin delays of 20 and 25 ns.	$9.10/100	Prod.—Now
System Logic				
W84C54A W84C55A	IC Works 408.922.0202	Clock-generation and -distribution chips feature low jitter and dual PLLs with eight outputs for CPU, floppy controller, keyboard, ISA, serial port.	$2.44/1,000	Samples—Now Prod.—1Q95
Apollo Plus	VIA Technologies 510.683.3300	Four-chip set supports dual Pentium, M1, or K5 processors to 100 MHz; includes master-mode PCI, enhanced IDE; in 0.6-micron CMOS.	$40/1,000	Prod.—Now