RECENT IC ANNOUNCEMENTS

PART NUMBER	VENDOR	DESCRIPTION	PRICE/QUANTITY	AVAILABILITY
MICROPROCESSOR				
VR4111	NEC 800.366.9782	MIPS processor runs Windows CE at 80, 100 MHz; uses MIPS-16 code compression, with 32-bit external bus, A/D, IrDA, PCMCIA control.	$25/10,000	Samples—Now Prod.—1Q98
ST6230	SGS-Thomson 617.259.0300	Microcontroller has 8-bit ST62 core, 20 I/O pins, 8-bit timer, 16-bit auto-reloading timer, serial-peripheral interface (SPI), 8-bit A/D converter, more.	$1.95/100,000	Prod.—Now
ST6232	SGS-Thomson 617.259.0300	Microcontroller has 8-bit ST62 core, 30 I/O pins, 8-bit timer, 16-bit auto-reloading timer, serial-peripheral interface (SPI), 8-bit A/D converter, more.	$5.13/1,000	Prod.—Now
ST6235	SGS-Thomson 617.259.0300	Microcontroller has 8-bit ST62 core, 36 I/O pins, 8-bit timer, 16-bit auto-reloading timer, serial-peripheral interface (SPI), 8-bit A/D converter, more.	$4.43/1,000	Prod.—Now
KS86x6104	Samsung 408.954.7000	Microcontroller for USB mouse or joystick has 8-bit SAM87 core, 4K of OTP or mask ROM, 144 bytes RAM, 41 instructions, and 16 registers.	$1.50/1,000	Samples—Now Prod.—1Q98
KS86x6008	Samsung 408.954.7000	Microcontroller for USB keyboards has 8-bit SAM87 core, 4K/8K of mask/OTP ROM, 224 bytes RAM, 41 instructions, and 16 registers.	$2.00/1,000	Samples—Now Prod.—1Q98
KS88x6016/24/32	Samsung 408.954.7000	Microcontroller for USB hubs has 8-bit SAM87 core, 12-Mbps isochronous interface, 8-bit, 8-channel PWM output, 8-bit A/D converter, DDC, more.	$6.00/1,000	Samples—Now Prod.—1Q98
INTERFACE				
CS5360	Crystal 512.912.3113	Low-cost 24-bit audio A/D converter has peak-level-detect feature; pin-compatible with 20-bit CS5335 converter; runs from 5-V supply.	$7.50/1,000	Samples—Now Prod.—1Q98
CS4390	Crystal 512.912.3113	Stereo 24-bit audio delta-sigma D/A converter has 106-dB dynamic range, 115-dB signal/noise ratio, and –97-dB THD+N; compatible with CS4329.	$5.30/1,000	Prod.—Now
CS4925	Crystal 512.912.3113	Audio decoder handles both Dolby Digital (AC-3) and 5.1-channel MPEG-2; microcoded chip built in 0.35-micron process; in PLCC-44.	$15/100,000	Samples—Now Prod.—1Q98
PCI1210 PCI1221	Texas Instruments 800.477.8924	PCI-to-CardBus controllers support one ('10) or two ('21) CardBus slots; both are compatible with 3.3-V and 5-V signaling; in 144- and 208-TQFP.	$9/1,000	Samples—Now Prod.—1Q98
MEMORY				
M34C02	SGS-Thomson 617.259.0300	Small E^2PROM is specifically designed for serial presence detect on 168- and 200-pin DIMMs; with 2-Kbit capacity, I^2C interface, software locking.	$0.50/1,000	Prod.—Now
CY7C42xx	Cypress 408.943.2600	Synchronous FIFOs have 512-Kbit or 1-Mbit capacity, 100-MHz frequency, larger capacity than other synchronous FIFOs.	$35.50/10,000	Prod.—Now
MISCELLANEOUS				
CY2308-xx	Cypress 408.943.2600	Clock buffers use internal PLL for "zero delay" propagation of 100-MHz signals; optional multiply input reference by 2× or 4×.	$2.45/100,000	Prod.—Now
SDA9388	Siemens 800.777.4363	Chip provides low-cost picture-in-picture for televisions; incorporates digital color decoder, filters, A/D and D/A, and V-chip functions.	$7/100,000	Samples—1Q98 Prod.—2Q98
TCM37C13A TCM37C14A	Texas Instruments 800.477.8924	Pulse-code modulated (PCM) codes with voice-band filtering have programmable transmit and receive gain; for PABXs, line cards.	$2.02/1,000	Samples—Now Prod.—1Q98