

## RECENT IC ANNOUNCEMENTS

| PART NUMBER                | VENDOR                            | DESCRIPTION   | PRICE/QUANTITY | AVAILABILITY              |
|----------------------------|-----------------------------------|---|----------------|---------------------------|
| <b>DSP</b>                 |                                   |   |                |                           |
| 56362                      | Motorola<br>800.521.6274          | Digital-signal processor has 24-bit precision, 100-MHz clock rate, and software support for Dolby Digital, DTS, MPEG-2, and other standards.      | \$20/10,000    | Samples—Now               |
| <b>MICROPROCESSOR</b>      |                                   |   |                |                           |
| ST90135<br>ST90158         | SGS-Thomson<br>781.259.0300       | Microcontrollers have ST9+ core, 2.7–5.5-V operating range, 16-MHz clock frequency, 16K–24K of ROM, 512–2,048 bytes RAM, other I/O.               | \$6/100,000    | Prod.—Now                 |
| SX18AC<br>SX28AC           | Scenix<br>408.327.8888            | Programmable peripherals include 8-bit microcontroller, 50-MHz clock, 12-bit instructions, oscillator, watchdog timer, wakeups, more.             | \$3.49/1,000   | Prod.—Now                 |
| PIC12CE518<br>PIC12CE519   | Microchip<br>602.786.7668         | Microcontrollers have 8-bit CPU, 16 bytes E <sup>2</sup> PROM, 512 words OTP ROM, 25 bytes RAM, six multiplexed I/O pins, 4-MHz clock.            | \$1.51/1,000   | Prod.—Now                 |
| <b>INTERFACE</b>           |                                   |   |                |                           |
| USB1                       | Kawasaki LSI<br>408.570.0555      | Nonintelligent USB interface chip provides serial-interface engine (SIE), transceiver, and 5,000 gates of programmable logic.                     | \$2/10,000     | Prod.—Now                 |
| USB2                       | Kawasaki LSI<br>408.570.0555      | Intelligent USB controller provides all functions of USB1 plus 16-bit CPU, 1K SRAM, 4K ROM, PLL, timer, and up to 32 general-purpose I/O pins.    | \$6/10,000     | Prod.—Now                 |
| USB3                       | Kawasaki LSI<br>408.570.0555      | Intelligent USB controller provides all functions of USB2 plus eight-channel 10-bit A/D converter, PWM output, watchdog timer, 3K SRAM, 8K ROM.   | \$10/10,000    | Prod.—Now                 |
| PEB20534-10<br>PEB20534-52 | Siemens<br>800.777.7436           | Four-channel serial-communications controllers handle 10-Mbps or 52-Mbps data rates; for routers, modem pools, frame-relay switches.              | \$27/100,000   | Prod.—Now                 |
| OTI-9325                   | Oak<br>408.737.0888               | Integrated CD-ROM controller includes block controller, servo decoder, and audio processor with stereo DAC; in PQFP-160.                          | \$10/10,000    | Samples—Now<br>Prod.—2Q98 |
| <b>MEMORY</b>              |                                   |   |                |                           |
| 29SL800                    | AMD<br>800.222.9323               | Flash memory device operates from a single 1.8-V supply for read, erase, and programming; in 48-contact ball-grid-array package.                  | \$8.70/10,000  | Prod.—Now                 |
| <b>MISCELLANEOUS</b>       |                                   |   |                |                           |
| MCRF200<br>MCRF300         | Microchip<br>602.786.7668         | RF identification tags operate at 125 kHz or 13.56 MHz, with 96-bit or 128-bit data field, contactless programming; requires no power to operate. | \$0.30/10,000  | Prod.—Now                 |
| CY227x                     | Cypress<br>408.943.2600           | Clock generators for Pentium II, 6x86, or K6 systems include up to three PLLs, 32 outputs, and seven selectable frequencies.                      | \$2.15/100,000 | Prod.—Now                 |
| <b>SYSTEM LOGIC</b>        |                                   |   |                |                           |
| M220-420B                  | Fusion MicroMedia<br>303.651.1000 | System logic for network computers interfaces MIPS chips to SDRAM, boot ROM, display, audio, Ethernet, and PCI; includes RAMDAC, other features.  | \$25/10,000    | Prod.—Now                 |
| Eighty-X                   | Tundra<br>613.592.0714            | Interface chip connects TI TMS320C80 or TMS320C82 DSP chips to PCI; evaluation boards and software also available.                                | \$28/10,000    | Samples—Now<br>Prod.—2Q98 |