

## Recent IC Announcements

| Part Number          | Vendor                         | Description   | Price/Quantity | Availability               |
|----------------------|--------------------------------|---|----------------|----------------------------|
| <b>Interface</b>     |                                |   |                |                            |
| SA639                | Philips<br>408.991.2805        | Low-cost intermediate-frequency receiver for wireless communications has 8.3-mA power consumption at 2.7 V; in 24-lead TSSOP.                     | \$2.12/25,000  | Prod.—Now                  |
| AD1672               | Analog Devices<br>617.937.1428 | Digital/analog converter has 12-bit accuracy and 3-MHz sample rate; with on-chip sample-and-hold amplifier and voltage reference.                 | \$29.90/1,000  | Prod.—Now                  |
| <b>Memory</b>        |                                |   |                |                            |
| HM67S3632            | Hitachi<br>800.285.1601        | 1-Mbit synchronous SRAM has 36-bit data bus and fast, 6-ns access time for 167-MHz operation; 3.3-V part is packaged in a 119-contact BGA.        | \$85/10,000    | Samples—4Q95<br>Prod.—1Q96 |
| KM29N040             | Samsung<br>800.446.2760        | Flash memory is designed for audio applications in voice recording and digital answering machines; with 4-Mbit capacity; in TSOP-44.              | \$6/1,000      | Samples—Now<br>Prod.—1Q96  |
| M28LV64              | SGS-Thomson<br>617.259.0300    | Parallel E <sup>2</sup> PROM has 64-Kbit capacity and operates from 3-V supply; organized as 8K×8, chip uses two data lines as status indicators. | \$4.50/1,000   | Samples—Now<br>Prod.—1Q96  |
| <b>Miscellaneous</b> |                                |   |                |                            |
| OPL3-SA              | Yamaha<br>408.467.2300         | Single-chip audio controller integrates record and playback, coded FM functions, and Sound Blaster Pro compatibility; compatible with OPL3.       | \$30/1         | Samples—now<br>Prod.—1Q96  |
| HMM49202             | Hitachi<br>800.285.1601        | Digital-video chip set includes four chips for desktop video conferencing, reducing chip count; suitable for portable digital cameras.            | \$50.70/5,000  | Prod.—Now                  |
| ML65245<br>ML65244   | Micro Linear<br>408.433.5200   | Family of high-speed transceivers for digital systems uses analog transmission techniques to achieve 1.5-ns propagation delay.                    | \$4.40/1,000   | Prod.—Now                  |
| 16244<br>16245       | Pericom<br>408.435.0800        | Faster, E-speed FCT transceivers are fabricated in 0.6-micron process for 3.2-ns propagation delay; in 16-bit wide SSOP packages.                 | \$4.03/1,000   | Prod.—Now                  |
| PT86C52x             | Cirrus Logic<br>510.252.6291   | Three-chip set provides hot-docking capability to Pentium system bus with no external logic; includes PCI-to-ISA bridge functions.                | \$45/10,000    | Samples—Now<br>Prod.—4Q95  |
| PT80C524             | Cirrus Logic<br>510.252.6291   | PCI bridge chip allows hot docking of PCI expansion cards transparently, without separately enumerating units on the secondary bus.               | \$18/10,000    | Samples—Now<br>Prod.—4Q95  |
| AHA3410              | AHA<br>509.334.1000            | Chip does lossless compression and decompression of bi-tonal images at 25M/second, enabling 90 8.5 × 11-inch, 1200-dpi pages/minute.              | \$30/1,000     | Samples—Now<br>Prod.—4Q95  |
| <b>Peripheral</b>    |                                |   |                |                            |
| SYM53C860            | Symbios<br>800.334.5454        | PCI SCSI controller supports Fast-20 SCSI protocol at 20M/second; operates from 3.3- or 5-V supply; in 100-lead PQFP.                             | \$30/10,000    | Samples—Now<br>Prod.—1Q96  |
| SYM53C875            | Symbios<br>800.334.5454        | SCSI controller for PCI is compatible with earlier '825 family of SCSI controllers, with Fast-20 SCSI support and 536-byte buffer.                | \$50/1,000     | Prod.—Now                  |
| <b>System Logic</b>  |                                |   |                |                            |
| R3000EX              | RadiSys<br>505.646.1800        | Core-logic chip supplies memory and bus control functions for Intel 386EX embedded microprocessor; in 100-lead PQFP.                              | \$8/10,000     | Prod.—Now                  |
| TMVP9550             | Trident<br>415.691.9211        | MPEG-1 video decoder provides full-screen video scaling and direct PCI/ISA bus interface; requires 512K RAM and audio decoder.                    | \$39/10,000    | Samples—Now<br>Prod.—1Q96  |