

## Recent IC Announcements

| Part Number                     | Vendor                       | Description  | Price/Quantity           | Availability                 |
|---------------------------------|------------------------------|--|--------------------------|------------------------------|
| <b>Embedded Microprocessors</b> |                              |  |                          |                              |
| TLCS-900 family                 | Toshiba<br>714-455-2000      | 16-bit microcontroller family in ROM-less (TMP96C141), 32K ROM ('96CM40), or 32K OTP ROM ('96PM40). Includes 1K RAM, 10-bit A/D, and two UARTs. 250-ns min. inst. cycle.                   | \$18/10K<br>(PM40)       | Prod.—Now                    |
| M37500M5<br>M37500M8            | Mitsubishi<br>408/730-5900   | 8-bit microcontroller with on-chip LCD-display controller. Includes 20K ('M5) or 32K ('M8) ROM, 640 or 1K RAM, and two UARTs. 500-ns minimum instruction cycle. Also available in OTP ROM. | \$9.25/10K<br>(M8, ROM)  | Prod.—Now                    |
| LR33120                         | LSI Logic<br>408/433-8000    | Pin-compatible upgrade of MIPS-based LR33020 processor for X-windows terminals. 25% faster ( <i>see 0709MSB.PDF</i> ).   | \$85/10K<br>(33 MHz)     | Samples—10/93<br>Prod.—1/94  |
| 87C750                          | Philips<br>408/991-3552      | 8-bit 8051-based microcontroller in 24-pin package with 1K EPROM or OTP ROM and 64 bytes RAM. Speed is 40 MHz.   | \$4.90/500               | Prod.—Now                    |
| <b>Memory</b>                   |                              |  |                          |                              |
| PD10xx09                        | NEC<br>800/366-9782          | 32K × 9 ECL RAMs with 6-ns cycle time, 3-ns access time. 10K, 100K, and 101K logic levels are available.   | \$120/100                | Samples—Now<br>Prod.—4Q93    |
| CXK581000A                      | Sony<br>800/288-7669         | 128K × 8 SRAM. Speeds are 55, 70, and 100 ns.  | \$15.90/1K<br>(55 ns)    | Samples—Now<br>Prod.—11/93   |
| CXK581120J                      | Sony<br>800/288-7669         | 12-ns version of existing 128K × 8 SRAM.   | \$71.40/1K               | Samples—Now<br>Prod.—7/93    |
| <b>Peripheral Chips</b>         |                              |  |                          |                              |
| FDC37C66x                       | SMC<br>516/435-6024          | Floppy-disk controllers upward-compatible from 37C65. Supports 2.88-Mbyte floppies and includes power-on circuit protection.   | \$8.60/10K               | Prod.—Now                    |
| VL82C170                        | VLSI Tech.<br>602/752-6352   | VGA LCD controller with 486 local-bus interface. Up to 768 × 1024.   | \$28.50/1K               | Samples—10/93<br>Prod.—11/93 |
| SDA 9187<br>SDA 9188            | Siemens<br>800/777-4363 x660 | Video A/D ('9187) and picture-in-picture television insertion processor ('9188).   | \$15.25/1K<br>(chip set) | Prod.—Now                    |
| CL-<br>MD9624ECP                | Cirrus<br>510/249-4514       | Data/fax modem chip set with PCMCIA 2.0 interface.   | \$40/1K                  | Samples—Now                  |
| MTA41xx0                        | Microchip<br>602/786-7200    | Mouse/trackball controllers compatible with PS/2, Apple Desktop Bus (ADB), or generic serial I/O.  | \$2.74/10K               | Samples—Now                  |
| <b>System Logic</b>             |                              |  |                          |                              |
| SCAMP IV<br>chip set            | VLSI Tech.<br>602/752-6352   | Chip set for 486-compatible AT-systems with "Green PC" power management features ( <i>see 070903.PDF</i> ).  | \$57.50<br>(w/o PCMCIA)  | Samples—8/93<br>Prod.—10/93  |
| <b>Interface</b>                |                              |  |                          |                              |
| ML4861                          | Micro Linear<br>408/433-5200 | Controller for DC/DC converter to run 3.3V or 5V systems from 1V to 1.5V battery power.  | \$1.95/1K                | Samples—Now                  |
| LT1331<br>LT1341                | Linear Tech.<br>408/432-1900 | RS-232 transceiver with ESD protection. Three drivers and five receivers.  | \$3.85/100<br>(1342)     | Prod.—Now                    |