

RECENT IC ANNOUNCEMENTS

| PART NUMBER | VENDOR | DESCRIPTION | PRICE/QUANTITY | AVAILABILITY |
|-----------------------------|-----------------------------------|--|----------------|----------------------------|
| MICROPROCESSOR | | | | |
| μPD78094xGF μPD780814xGK | NEC 800.366.9782 | KO-family 8-bit microcontrollers have Direct Storage CAN interfaces with extended-frame format capability at up to 500 kbps. | \$9.90/10,000 | Prod.—Now |
| INTERFACE | | | | |
| PCI4450 | TI 800.477.8924 | CardBus controller and IEEE-1394a host controller in a single chip; saves board space and includes Zoom Video buffers and programmable pins. | \$20/1,000 | Samples—1Q99 Prod.—1Q99 |
| JT1001 | JATO Technologies 512.407.2100 | Network controller for 10/100/1,000-Mbps Ethernet handles IPv4 checksum calculation on chip, with PCI bus interface, packet bursting. | \$65/1,000 | Pro.—Now |
| THS7002 | TI 800.477.8924 | Amplifier for ADSL receivers has programmable gain to compensate for line length and other conditions; with clamp protection. | \$5.79/1,000 | Samples—Now Prod.—1Q99 |
| OV511 | OmniVision 408.733.3030 | Controller chip connects digital CMOS image sensors to USB; needs only 256K of DRAM and USB transceiver for low-cost digital camera. | \$5/10,000 | |
| MEMORY | | | | |
| AT49BV1604 AT49BV1614 | Atmel 408.441.0311 | Flash memory devices have concurrent read-while-write feature; two banks allow reading from one while writing to the other. | \$8.10/10,000 | Prod.—Now |
| CXK77V80160TM-9 | Sony 800.222.7669 | Static RAM has 16-Mbit capacity, organized as 2M × 8, with 9-ns (111-MHz) access time; in 78-lead TSOP II package. | \$200/10,000 | Prod.—Now |
| MISCELLANEOUS | | | | |
| S8401 S8501 | AMCC 619.535.4260 | High-definition serial digital interface transmitter/receiver chip set for HDTV complies with SMPTE 292M; for compressors, editors, others. | \$160/100 | Samples—Now Prod.—1Q99 |
| S8301 | AMCC 619.535.4260 | High-definition serial digital interface retimer for HDTV applications handles port bypass and signal retiming on 1.5-Gbps HDTV signals. | \$110/100 | Prod.—Now |
| IMP525 | IMP 408.434.1467 | Electroluminescent-lamp driver IC uses a single 1.5-V supply with power-saving features; for cellular telephone and pager applications. | \$0.80/1,000 | Prod.—Now |
| MB86342B | Fujitsu 800.866.8608 | Dolby Digital 5.1-channel decoder provides SRS TruSurround processing in addition to AC-3 and ProLogic functions. | \$8.90/10,000 | Prod.—Now |
| M61040FP | Mitsubishi 408.774.3191 | Analog control circuit for lithium-ion batteries can be installed in battery pack; controls charging and discharge of batteries. | \$3.50/1 | Samples—Now Prod.—1Q99 |
| SYSTEM LOGIC | | | | |
| CS-5166 | Cherry Semi 800.272.3601 | Synchronous 5-bit NFET CPU buck controller manages power for Pentium II motherboards; with adjustable hiccup-mode protection. | \$1.68/10,000 | Prod.—Now |
| CS-5132 | Cherry Semi 800.272.3601 | Dual-output CPU buck controller has both synchronous and nonsynchronous switcher; replaces linear regulator in Pentium II boards. | \$2.01/10,000 | Prod.—Now |
| CS51313 | Cherry Semi 800.272.3601 | Synchronous CPU buck controller generates different supply voltages from a single switching regulator; with overvoltage and hiccup protection. | \$1.35/10,000 | Prod.—Now |