# Recent IC Announcements

| Part Number | Vendor | Description | Price/Quantity | Availability |
|---|---|---|---|---|
| **Embedded Microprocessors** | | | | |
| MB86936 | Fujitsu 408.922.9000 | SparcLite microprocessor has FPU, 4K/2K caches, DRAM interface, 3-channel DMA, and 8-bit video-rasterization unit for printers. | $80/1 | Samples—Now Prod.—2Q95 |
| 403GB | IBM 800.769.3772 | PowerPC microprocessor is based on 403GA, with only two DMA channels and no serial controller, with 28-MHz clock speed. | $45/1,000 | Samples—Now Prod.—3Q95 |
| 80C51XA-G3 | Philips 800.447.1500 | First implementation of 16-bit XA architecture has 32K on-chip ROM, 512 bytes RAM, two enhanced UARTs, and three 16-bit timers. | $7.03/10,000 | Samples—Now Prod.—3Q95 |
| **General-Purpose Microprocessors** | | | | |
| NorthStar III | MicroModule Systems 408.864.7437 | Multichip module (MCM) contains 100-MHz Pentium, 82498 cache controller, and 1M of cache SRAM in single 349-pin ceramic PGA. | $3,995/1 | Samples—Now Prod.—2Q95 |
| **Interface** | | | | |
| LP33 | LSI Logic 408.433.8000 | Single-chip interface to ATM has 32-bit PCI bus interface; 33-MHz clock rate delivers 51-Mbps ATM performance; faster versions available. | $61/10,000 | Samples—Now Prod.—2Q95 |
| **Memories** | | | | |
| GT-24002 | Galileo Technology 408.451.1400 | Synchronous unidirectional 32×1104 PrintFIFO is optimized for low- and medium-priced printers; operates at up to 33 MHz. | $49.95/5,000 | Prod.—Now |
| IBM04181QLA | IBM 800.426.0181 | Synchronous 1-Mbit SRAM has world's-fastest, 2.5-ns access time and 5-ns cycle time; with GTL or HSTTL I/O, in plastic BGA package. | $110/1,000 | Samples—Now Prod.—3Q95 |
| MU9C1240 | Music Semiconductor 719.570.1550 | Fast 128-entry content-addressable memory features user RAM with each entry, 100-ns compare cycle, 50-ns read/write cycle time; in PLCC-44. | $7.50/1,000 | Prod.—Now |
| bq4017 | Benchmarq 214.407.0011 | Large nonvolatile SRAM has 16-Mbit capacity organized as 2M×8, with 70-ns access time and data-retention period of five years. | $900/100 | Samples—Now Prod.–2Q95 |
| **Miscellaneous** | | | | |
| SAA7185 | Philips 800.447.1500 | Video encoder accepts 16-bit YUV or 8-bit CCIR656-compatible YUV data in MPEG format and converts to either NTSC or PAL format. | $7/10,000 | Prod.—Now |
| TVG9470 | Trident Microsystems 415.691.9211 | Video accelerator has PCI interface, outputs either NTSC or PAL output for television or VCR; accelerator is based on TGUI9440 chip. | $24/12,000 | Samples—Now Prod.—2Q95 |
| Bt498 Bt497 | Brooktree 619.535.3273 | Triple 256×8 RAMDAC operates up to 220 MHz, allowing 1600×1280 display resolution with 76-Hz refresh ('97 runs up to 135 MHz). | $74.67/10 | Samples—Now Prod.—2H95 |
| IIT3304 | IIT 408.727.1885 | Single-chip multimedia controller performs MPEG-1 encoding and decoding and full-motion video capture; in PQFP-240 package. | $45/10,000 | Prod.—Now |
| STI3430 | SGS-Thomson 617.259.0300 | MPEG-1 decoder chip features a 16-bit CPU bus and serial CD-ROM input, produces 8-/16-/24-bit video and 4-bit PCM audio outputs. | $30/250,000 | Prod.—Now |
| STI3520A | SGS-Thomson 617.259.0300 | MPEG-2 audio/video decoder for digital cable and satellite applications requires little CPU assistance, supports 16-color graphics overlays. | $40/250,000 | Prod.—Now |
| **Programmable Logic** | | | | |
| XC73144 | Xilinx 408.559.7778 | Erasable PLD has 3,500 equivalent gates, 7.5-ns $T_{PD}$, 105-MHz cycle time, and PCI-compliant I/O pins; in PQFP-160 package. | $59.90/101 | Prod.—Now |