

RECENT IC ANNOUNCEMENTS

PART NUMBER	VENDOR	DESCRIPTION	PRICE/QUANTITY	AVAILABILITY
DSP				
DSP1695	Lucent 800.372.2447	Internet DSP processes 16 simultaneous voice and data calls; also supports 56-Kb/s modems, voice- and fax-over-IP, and wireless data transmissions.	\$120/25,000	Sample-2Q99 Prod.-3Q99
MICROPROCESSOR				
ST72511R4	STMicroelectronics 781.861.2650	8-bit microcontroller offers 16K-32K ROM/OTP/EPROM, 512K-1M RAM, CAN 2.0B passive I/F, and 44 multifunctional bidirectional I/O lines.	\$2.50/100K	Prod.-Now
ST72531R4	STMicroelectronics 781.861.2650	8-bit microcontroller offers 16K ROM/OTP/EPROM, 256 KB E ² PROM, CAN 2.0B passive I/F, and two 16-bit timers.	\$5.00/100K	Prod.-Now
INTERFACE				
AMAZON	AMCC 650.569.3806	OC-48 system solution provides full-duplex SONET mapping of ATM cells or packet-based traffic; UTOPIA Level 3 interface for ATM traffic.	\$325/1,000	Prod.-Now
SI3000	Silicon Laboratories 512.464.9306	16-bit codec integrates 30 resistors, 22 capacitors, a transistor, and a microphone pre-amp to implement voice channel.	\$2.35/10,000	Sample-2Q99 Prod.-2Q99
CS4281	Cirrus Logic 512.912.3587	PCI audio controller provides Sound Blaster legacy game support and is Microsoft PC97, PC98, and PC99 compliant.	\$4.00/10,000	Sample-2Q99 Prod.-3Q99
CS4299	Cirrus Logic 512.912.3587	AC97 v2.1-compliant codec provides S/PDIF digital output, 20-bit stereo digital-to-analog, 18-bit stereo analog-to-digital; delivers a 120-db range.	\$1.95/10,000	Prod.-2Q99
MEMORY				
M28W160T/B	STMicroelectronics 781.861.2650	16 Mb flash includes 5 μ A standby current, zero recovery from power down, 400-ns program latency; available in TSOP and μ BGA packages.	\$8.75/10,000	Prod.-Now
PIC16F873/874	Microchip 602.786.7668	8-bit flash offers 128 bytes E ² PROM, operating at 2.0-5.5 V; 5-MIPS performance at 20 MHz, two 8-bit and one 16-bit timers on a PLCC package.	\$7.39/1,000	Sample-Now Prod.-Late 2Q99
uPD488448FB	NEC Electronics 800.366-9782	128-Mb DRAM offers 1.6-G/s data transfer rate, 2.5 V \pm 0.13 V power supply, 256 Kword \times 16-bit \times 32-bank, 1-Kb cache in a 62-pin BGA package.	\$85.00/unit	Sample-2Q99 Prod.-3Q99
MISCELLANEOUS				
MPCxxx	Microchip 602.786.7668	Precision system supervisors include seven voltage trip points, monitoring of 3- to 5-V systems, reset to 1.0 V on T0-92 pin configurations.	\$0.38/1,000	Sample-Now Prod.-Now
STLC3055	STMicroelectronics 781.861.2650	Single-chip SLIC offers on-hook transmission, on-chip DC-DC converter, 5.5- to 15.8-V positive supply in a 10 mm-square 44-lead TQFP package.	\$6.00/100K	Prod.-Now
CS5460	Cirrus Logic 510.420.6675	Power-meter-on-a-chip consists of two delta-sigma analog-to-digital converters, on-chip reference, high-speed calculations; bidirectional serial I/F.	\$4.00/1,000 Prod.-3Q99	Sample-Now
SYSTEM LOGIC				
ZPSD813F	WSI 510.498.1723	5-V 128-KB ISP flash offers a 3,000-gate CPLD, extra I/O, JTAG programming I/F, 3.7-mA power drain in a 52-pin PLDCC package.	\$6.37/25,000	Prod.-Now