

Recent IC Announcements

Part Number	Vendor	Description	Price/Quantity	Availability
Embedded Microprocessors				
DSP3207	AT&T Micro. 800.372.2447 x885	32-bit floating-point DSP intended for multimedia. Instruction cycle is 72 ns. Bundled with T7525 codec.	\$65/10K (2 chips)	Prod.—Now
SPROC-1200 1210	Star Semi. 908.647.9400	24-bit integer DSP intended for cellular phones. Includes 512 words each: data RAM, program RAM, data ROM (SPROC-1210 only), and program ROM. Instruction cycle is 50 ns.	\$50.37/500 ('1210)	Prod.—Now
DSP56166	Motorola 512.891.2030	16-bit integer DSP intended for cellular phones. Includes 4 Kwords data RAM, 256 words program RAM, 4 Kwords data ROM, 8 Kwords program ROM, and 14-bit codec. 33.3 ns/instruction.	\$60/1K	Prod.—Now
ADSP-216x	Analog Devices 617.461.3881	16-bit integer DSP with 512 words data RAM, and 4K or 8K of program ROM. Speeds are 100 ns/instr. at 5 V, 62.5 ns at 3.3 V.	\$8/10K (4K ROM)	Prod.—Now
Memory				
TC59R0409- VK	Toshiba 714.455.2000	512K × 9 RAMBUS-compatible DRAM. Speed is 500 MHz (i.e., 500M 9-bit words per second).	\$49/samp.	Samples—Now Prod.—10/93
Am27LV0x0 Am27LV0x0B	AMD 408.749.5703	128K × 8 ('010) and 256K × 8 ('020) EPROMs for low voltage. B-series parts have extended voltage range (2.7 to 3.6 V). Speeds are 120 ns ('010) and 150 ns ('020).	\$15/1K ('020)	Prod.—Now
Peripheral Chips				
PSD4xx	WSI 510.656.5400	Peripheral chip with 16K RAM, 256K to 1M EPROM or OTP ROM, 40 parallel I/O lines, generic 8/16-bit microcontroller interface, and two user-programmable PLDs. Speeds up to 100 ns.	\$6.68/10K (256K, 200 ns)	Samples—Now Prod.—10/93
PSD5xx	WSI 510.656.5400	Peripheral chip with 16K RAM, 256K to 1M EPROM or OTP ROM, 40 parallel I/O lines, four 16-bit timers, 8/16-bit interface and three user-programmable PLDs. Speeds up to 90 ns.	\$9.81/10K (256K, 200 ns)	Samples—Now Prod.—10/93
ESP406	QLogic 714.438.2200	16-bit AT-compatible SCSI interface, BIOS-compatible with NCR's 53C406.	\$22/1K	Samples—Now
QUAD ELM	Motorola 512.891.3823	Four-unit elasticity buffer and link management (ELM) device for FDDI concentrators.	\$40/1K	Samples—4Q93
78Q8370	Silicon Systems 714.573.6200	Ethernet interface (media access control, Manchester encode/decode, 10Base-T transceiver, and AUJ). PCMCIA compatible.	\$20/1K	Samples—10/93 Prod.—1Q94
Programmable Logic				
XC73108	Xilinx 408.879.4556	225-lead ball grid array (BGA) package option for complex PLD with 108 macrocells. 3.3-V or 5-V power. 2 ns pin-to-pin delay.	\$61.60/100	Samples—Now Prod.—1/94
Interface				
HSM modem chip sets	AT&T Micro. 800.372.2447 x876	Three-chip modem chip sets based on the DSP16A chip. Speeds up to 9600 (HSM96), 14.4k (HSM144), or 19.2k baud (HSM 192).	\$77/10K (HSM192)	Prod.—Now
LT1280A LT1281A	Linear Tech. 408.432.1900	Dual RS232 drivers/receivers with 10 mA maximum power and 10 kV electrostatic discharge (ESD) protection.	\$2.57/1K	Prod.—Now
SFH 6135 SFH 6136	Siemens 800.777.4363 x411	High-speed optocouplers. '6135 is 800 ns switching time; '6136 is 100 ns. 5.3 kV ESD protection.	\$1.10/10K ('6136)	Prod.—Now
SFH 6138 SFH 6139	Siemens 800.777.4363 x411	High-gain optocouplers for low-power applications. 5 μs switching time.	\$0.85/10K ('6138)	Prod.—Now
AD7893	Analog Devices 617.937.1428	12-bit sampling serial A/D converter in 8-pin mini-DIP package. Speed is 117 ksamples/s. 5-V only operation.	\$10/100	Prod.—Now