

RECENT IC ANNOUNCEMENTS

PART NUMBER	VENDOR	DESCRIPTION	PRICE/QUANTITY	AVAILABILITY
DSP				
ADSP-2141	Analog Devices 800.262.5643	Chip for VPN networks transfers IPSec-encrypted data at OC-3 rates of 155 Mbits/s, with hash/encryption throughput of 640 Mbps.	\$65/10,000	Samples—Now Prod.—2Q99
MICROPROCESSOR				
PIC16HV540	Microchip 602.786.7668	Eight-bit one-time-programmable microcontroller with an on-chip regulator, 33 single-word instructions, 20-MHz single-cycle operation.	\$1.34/1,000	Prod.—1Q99
INTERFACE				
AD7894	Analog Devices 800.262.5643	ADC comes in 8-pin package with 14-bit precision, ± 10 -V signal capability, single 5-V supply, and 160-Ksample/s throughput rate.	\$7.95/1,000	Prod.—Now
S3049	AMCC 619.450.9333	Laser driver for OC-48 DWDM and SONET/SDH applications has auto laser-power control, safety alarms, and internal positive power source.	\$85/100	Prod.—Now
S3053	AMCC 619.450.9333	Quad multiplexer can switch OC-3, -12, -24, or -48 data signals in DWDM, SONET/SDH, and other high-speed systems.	\$92/100	Prod.—Now
S3054	AMCC 619.450.9333	Dual 2 \times 2 crosspoint switch fans out or multiplexes high-speed data and clock signals for OC-3, -12, -24, or -48 systems.	\$86/100	Prod.—Now
THS7002	Texas Instruments 800.477.8924	A 70-MHz amplifier for ADSL receiver applications with programmable gain, independent shutdown, ± 4.5 -V to ± 16 -V supply range.	\$5.79/1,000	Prod.—1Q99
MEMORY				
ZPSD813F1V	WSI 510.498.1723	Flash MCU integrates 128K of flash memory, 32K of E ² PROM, 2K of SRAM; operating at 2 MHz, drawing 1.6 mA.	\$8.95/25,000	Prod.—Now
M40Z300/W	STMicroelectronics 781.861.2650	Nonvolatile RAM controller converts low-power SRAMs into NVRAMs; with reset output for power-on reset; in 28-pin SOIC package.	\$4.25/100,000	Prod.—Now
70V3579	IDT 800.345.7015	Synchronous dual-port SRAM chips are organized as 32K \times 36 ('79) or 16K \times 36 ('69) with 3.3-V supplies and 100-MHz data rates.	\$39.95/10,000	Samples—Now Prod.—3Q99
70V3389	IDT 800.345.7015	Synchronous dual-port SRAM chips are organized as 64K \times 18 ('89) or 32K \times 18 ('79) with 3.3-V supplies and 100-MHz data rates.	\$39.95/10,000	Samples—Now Prod.—3Q99
MISCELLANEOUS				
CS4340	Cirrus Logic 510.249.4244	DAC has 100-dB dynamic range, audio sample rates of 2 kHz to 100 kHz, power on/off transient control, and operates at 3 V to 5 V.	\$1.95/1,000 \$2.15/1,000	Prod.—Now
DiskOnChip	M-Systems 510.413.5950	Single-chip disk replacement measures 11.7 \times 21.3 \times 1.2 mm, writes at 400 Kbytes/s, reads at 1.2 Mbytes/s; with 8M capacity.	\$20/10,000	Prod.—Now
74LCX16244T	STMicroelectronics 781.861.2650	Three-state noninverting 16-bit buffer in a TSSOP-48 package features power-down protection, latch-up performance, and 2-kV EDS immunity.	\$1.00/10,000	Prod.—Now
S2076	AMCC 800.755.2622	Quad fibre-channel transceiver bundles four channels in a 23 \times 23-mm 208-pin TBGA package.	\$65/100	Prod.—Now
ML6460	Micro Linear 408.433.5200	Video-encoder chips integrate output filters, amplifiers, A/D converters, and Macrovision copy protection ('60) for DVD applications.	\$8/1,000	Prod.—Now