

RECENT IC ANNOUNCEMENTS

PART NUMBER	VENDOR	DESCRIPTION	PRICE/QUANTITY	AVAILABILITY
DSP				
EP7209	Cirrus Logic 510.420.6691	SOC supports both MP3 standards and operates at 74 MHz; 170 mW power consumption at 2.5 V.	\$11.95/100,000	Sample—Now
AD9814	Analog Devices 800.262.5643	A three-channel 14-bit, 10-Msps analog signal processor that features a differential nonlinearity (DNL) of ± 0.6 LSB (typ) and ± 1.0 LSB (max).	\$8.00/1,000	Prod.—Now
INTERFACE				
SPT5510	Signal Processing 719.630.3384	16-bit DAC that offers settling times of 35 ns to 16-bit accuracy and 15 ns to 14-bit accuracy; low glitch impulse energy of 30 pV-s.	\$39.50/1,000	Prod.—Now
S3063	AMCC 619.792.2939	A differential transmitter with on-chip synthesis PLL that supports 2.5-Gbps SONET OC-48 standards with low 7 μ UI jitter generation.	\$117/1,000	Sample—Now Prod.—3Q99
S3064	AMCC 619.792.2939	16-bit differential receiver that performs all serial-to-parallel and framing in compliance with SONET/SHD standards.	\$78/1,000	Sample—Now Prod.—3Q99
PCI-648	CMD Technology 949.454.0800	Standalone Ultra-66 PCI-to-IDE/ATA host controller for 3.3-V systems offers a built-in PLL and access to a 128-byte buffer per channel.	\$10.60/5,000	Sample—Now
S7011	AMCC 650.569.3806	A submicron CMOS vertical cavity surface emitting laser (VCSEL) driver operates at 100 mW from a +3.3-V supply.	\$4.83/10,000	Sample—Now Prod.—3Q99
TPA01xx	Texas Instruments 800.477.8924x4500	A family of audio power amplifiers offers three types of integrated volume control. Consumes 5 mA active and 10 mA in shutdown or sleep mode.	\$3.39/1,000	Prod.—Now
MEMORY				
MCPSDRAM	Hitachi 510.215.9533	256-Mbit SDRAM in 108-pin BGA package using multichip packaging (MCP), $\times 32$ -bit or $\times 64$ -bit configurations, 6-ns access time, 100-MHz bus.	\$105/1,000	Sample—Now
24LC01B	Microchip 408.786.7668	1K serial EEPROM array on a 5-lead SOT-23 package includes standard I ² C protocol, 5- μ A standby current, and one million erase/write cycles.	\$0.22/1,000	Prod.—Now
MICROPROCESSORS				
EP7211	Cirrus Logic 510.420.6691	Low-power SOC supports Windows CE and EPOC 32. Provides an 8K four-way set-associative cache, 37.5K on-chip arbitrated SRAM.	\$14.95/100,000	Sample—Now Prod.—3Q99
TRIO	Aplio 888-642-7546	A tri-processor with a 32-bit RISC CPU and two 16-bit fixed-point DSPs that both have 98K of memory. Offered on either a 160-pin or a 240-pin PQFP.	\$20/100,000	Prod.—4Q99
MISCELLANEOUS				
NILE	AMCC 650.569.3806	Single-chip framing and mapping device that supports both ATM and DS3. Provides a full-duplex SONET/SDH mapping and includes a Utopia L2 I/F.	\$295/1,000	Prod.—Now
ZipWire2	Conexant Systems 714.245.7500	Two-chip semiconductor that delivers up to 4.64 Mbps Internet access over a pair of phone wires and is HDSL2 compliant.	\$40/50,000	Prod.—Now
S2204	AMCC 650.569.3806	Quad-channel CMOS is JTAG IEEE 1149.1 compliant; operating at 1,250 MHz, it offers four separate transceivers and on-chip transmit PLL.	\$28/10,000	Prod.—Now