

RECENT IC ANNOUNCEMENTS

PART NUMBER	VENDOR	DESCRIPTION	PRICE/QUANTITY	AVAILABILITY
DSP				
CS4928	Cirrus Logic 510.623.8300	Single-chip programmable DSP supports both high-definition compatible digital (HDCD) and DTS standards for high-end car sound systems.	\$15/10,000	Prod.—Now
MICROPROCESSORS				
PIC16C712	Microchip 480.786.7668	8-bit one-time-programmable (OTP) microcontroller with 1,024 x 14 bits of OTP memory, 128 bytes of user RAM, 13 I/O ports, and three timers.	\$2.31/1,000	Prod.—Now
PIC16C716	Microchip 480.786.7668	8-bit one-time-programmable (OTP) microcontroller with 2,048 x 14 bits of OTP memory, 128 bytes of user RAM, 13 I/O ports, and three timers.	\$2.61/1,000	Prod.—Now
INTERFACE				
THS1206	Texas Instruments 800.477.8924	12-bit ADC with 16 words of on-chip FIFO memory and four sample-and-hold amplifiers; optimized for interfacing with a DSP.	\$13/1,000	Sample—Now Prod.—3Q99
M16C/24	Mitsubishi 408.730.5900	16-bit USB 1.1 microcontroller for full-speed (up to 12 Mbit/s) peripherals; supports all USB transfer types (isochronous, bulk, control, and interrupt).	\$5.30/10,000	Sample—3Q99 Prod.—4Q99
S2104	Applied Micro 619.535.4260	Quad-channel transceiver for high-speed serial data transmission in Fibre Channel applications; each channel operates at 1.062 Gbits/s.	\$28/10,000	Prod.—Now
MEMORY				
24LC01B	Microchip 480.786.7668	World's smallest 1K serial EEPROM in a standard package (five-lead SOT-23) retains data for 200 years with one million erase/write cycles.	\$0.22/1,000	Prod.—Now
MISCELLANEOUS				
RapidSurf BMAX	Integrated Telecom 408.980.8689	Chip set for ADSL modems with USB; capable of 8-Mbit/s downstream and 640 Kb/s upstream links as well as G.lite-standard connections.	\$50/1,000	Sample—3Q99 Prod.—3Q99
PCM1732	Burr-Brown 800.548.6132	Single-chip DAC for high-definition compatible digital (HDCD) audio players in homes and cars; technology licensed from Pacific Microsonics.	\$5.33/1,000	Prod.—Now
CS49300	Cirrus Logic 510.623.8300	Single-chip DVD audio decoder for home and professional DVD players; supports PCM, MPEG, Dolby Digital, DTS, and 24-bit/192-KHz sampling.	\$15/10,000	Sample—Now Prod.—3Q99
PACE P2048	VLSI 800.438.2973	High-density controller for WAN applications that can interface with up to 84 T1 channels for 135 Mb/s of full-duplex aggregate throughput.	\$240/10,000	Sample—Now Prod.—3Q99
SAFE ST28	VLSI 800.438.2973	WAN framer for ATM and frame-relay devices that has 28 independent T1 framers capable of handling a fully channelized DS3 line.	\$168/10,000	Prod.—Now
TLFD500	Texas Instruments 800.477.8924	Codec for G.lite ADSL applications has a 14-bit converter, 3.3-V I/O; interfaces gluelessly to TI's TMS320C54x and TMS320C6x DSPs.	\$9.50/100,000	Prod.—Now
CN8236 CN8237	Conexant Systems 800.854.8099	Two ATM segmentation-and-reassembly (SAR) controllers that add Utopia Level 2 support for multiported network equipment.	\$98/1,000 \$190/1,000	Prod.—4Q99 Prod.—1Q00
ACS406	Semtech 805.498.2111	Four-channel modem chip set for T1/E1 fiber-optic modems includes an analog transceiver chip and a mixed-signal mux/demux chip.	\$72/1,000	Prod.—Now
HCS412	Microchip 480.786.7668	Single-chip code-hopping encoder and transponder for secure entry systems; uses the Keeloq algorithm and 32-bit challenge and response.	\$1.31/1,000	Samples—Now Prod.—3Q99