

## RECENT IC ANNOUNCEMENTS

PART NUMBER	VENDOR	DESCRIPTION	PRICE/QUANTITY	AVAILABILITY
<b>MICROPROCESSOR</b>				
87LPC764	Philips 408.991.2332	80C51-based microcontroller has 4K OTP program memory, 128 bytes SRAM, 20-MHz clock rate; in 20-pin SOIC or PDIP.	\$1.10/10,000	Samples—Now Prod.—2Q99
<b>INTERFACE</b>				
S2066	AMCC 619.535.4260	CMOS quad-channel transceiver dissipates 575 milliwatts per channel from one 3.3-V power supply; available in a 208-pin TBGA package.	\$68/100	Prod.—Now
S2068	AMCC 619.535.4260	Highly integrated dual-channel Gigabit Ethernet transceiver for switches; runs two channels at 1.25 Gbits/s full duplex.	\$18.20/1,000	Prod.—Now
AD8014	Analog Devices 800.262.5643	High-speed amplifier with 400-MHz, 3-dB bandwidth, 4000-V/ $\mu$ s slew rate, and 24-ns settling time to 0.1%.	\$1.19/1,000	Prod.—Now
CS4294	Cirrus Logic 512.912.3587	Single-chip AC97 codec combines two A/D channels, stereo mixing for three inputs, and 18-bit D/A channels in a 48-pin TQFP package.	\$3.50/10,000	Prod.—Now
AD6121 AD6122	Analog Devices 800.262.5643	CDMA receiver/transmitter pair operate at 10 mA, 3 V, consuming 11 mA; in a 28-lead SSPO package.	\$4.75/1,000	Prod.—Now
Si3038	Silicon Labs 512.502.8223	DAA is compliant with AC97 2.1 specification, provides direct interface for V.90 soft modems; in 16-pin SOIC package.	\$6.50/10,000	Prod.—Now
CS5180 CS5181	Crystal 512.912.3877	Delta-sigma 16-bit analog/digital converters with 93-dB S/N ratio, 8-kHz to 400-kHz output rates, integral low-pass and antialias filtering.	\$12.50/1,000	Prod.—Now
<b>MEMORY</b>				
EasyFlash	WSI 510.498.1723	Device contains 128K flash memory and a programmable MCU interface; operates at 4.5 V to 5.5 V, consuming 1 mA/MHz.	\$5.35/10,000	Prod.—Now
<b>MISCELLANEOUS</b>				
CS-5124 CS-5126	Cherry 401.885.3600	Pulse-width-modulation (PWM) controllers fit in 8-pin package, modulate duty cycle of N-channel power MOSFETs for DC/DC converters.	\$1.65/10,000	Prod.—Now
CS51221 CS51227	Cherry 401.885.3600	Voltage-mode pulse-width modulation (PWM) control chips designed for feed-forward operation in sub-150-W DC/DC converters.	\$1.54/10,000	Prod.—Now
AD1853	Analog Devices 781.937.1428	Stereo audio DAC has 24-bit precision, meets 192-kHz audio sampling rates for DVD players; 117-dB (A-weighted) S/N ratio.	\$4.95/10,000	Prod.—Now
AD9803	Analog Devices 800.262.5643	CCD and video-signal processor features 18-MHz CDS, low-noise PGA with 0–30-dB gain range, operating from a 3-V power supply.	\$7.50/1,000	Prod.—Now
AD859x	Analog Devices 800.262.5643	Single-supply amplifier offers $\pm$ 250 mA output, 5-V/ $\mu$ s slew rate, 3-MHz gain bandwidth; in a variety of packages.	\$1.56/1,000	Prod.—Now
AD260	Analog Devices 800.262.5643	Five-line digital isolator with on-board power transformer, 5-V digital logic signals, 3,500 $V_{rms}$ , 1-W uncommitted power transformer.	\$12.50/1,000	Prod.—Now
<b>PROGRAMMABLE LOGIC</b>				
AFT1508ASV	Atmel 408.441.0311	A 3.3-V CPLD offers 128 macrocells and 6,000 equivalent user-configurable logic gates in an 84-pin PLCC and a 100-pin TQFP package.	\$6.80/100	Prod.—Now