

## RECENT IC ANNOUNCEMENTS

PART NUMBER	VENDOR	DESCRIPTION	PRICE/QUANTITY	AVAILABILITY
<b>MICROPROCESSOR</b>				
LPC762	Philips 408.991.2332	SOC based on 80C51 architecture offers 2K of OTP memory in a 20-pin package and features on-chip user-configurable oscillator.	\$1.11/500	Samples—Now Prod.—3Q99
XA-H3 XA-H4	Philips 408.991.2332	16-bit MCU includes four UARTs, supports 32M of memory, operates at 30 MHz with a 3.3-V supply in a 100-pin package.	\$8.00/1,000	Samples—Now Prod.—Now
EP7212	Cirrus Logic 510.457.3128	SOC integrates ARM 720T processor with internal clock speed range of 19–74 MHz at 2.5 V; supports multiple Internet audio standards.	\$18.75/10,000	Samples—Now Prod.—4Q99
VSP3010	Burr-Brown 800.548.6132	3-channel CCD/CIS signal processor contains sensor-signal sampling, black-level adjustment, and a programmable gain amplifier.	\$5.75/1,000	Samples—Now Prod.—Now
ST62Txx	STMicroelectronics 781.861.2650	8-bit MCU family features 2K to 4K ROM, 64 bytes RAM, 4- to 16-channel ADC, and 9 to 20 I/O pins in an SSOP package.	\$1.75/10,000	Samples—Now Prod.—Now
<b>INTERFACE</b>				
MISSOURI	AMCC 650.569.3806	Single-chip OC-48 DWDM with 16 OC-3 fiber-side interfaces; can aggregate 16 OC-3 interfaces, 4 OC-12 interfaces, or a combination.	\$445/1,000	Samples—4Q99 Prod.—1Q00
MCRF202	Microchip 480.786.7668	RF ID tagging IC features 96- or 128-bit ROM, encoding options of NRZ and Direct, and modulation options of Direct, FSC, and PSK.	\$0.85/10,000	Samples—Now Prod.—Now
CDC857	Texas Instruments 800.47.8924	DDR SDRAM clock driver provides up to 10 differential PLL clock outputs, at speeds up to 170 MHz; operates at 2.5 and 3.3 V.	\$5.59/1,000	Samples—Now Prod.—Now
S3057	AMCC 650.569.3806	A SiGe multirate transceiver capable of operating at Gigabit Ethernet, SONET/SDH OC-48, OC-12, or OC-3 speeds.	\$135/1,000	Samples—Now Prod.—4Q99
<b>MEMORY</b>				
SST37VF040	Silicon Storage 408.523.7739	4-Mbit MTP EEPROM features 2.7-V read, 70-ns access, 10- $\mu$ s/byte programming, 1,000-cycle endurance, and JEDEC standard flash packages.	\$2.05/100,000	Samples—Now
<b>MISCELLANEOUS</b>				
ADXL105	Analog Devices 800.262.5643	Single-axis, analog-output accelerometer has 10-KHz frequency response, 1.8 mA at 5 V, on-board uncommitted amplifier, and 0.0002-g resolution.	\$15.96/1,000	Samples—Now Prod.—Now
PCM3500	Burr-Brown 800.548.6132	Audio CODEC contains 16-bit ADC and DAC; 3.6-V power supply, and 60- $\mu$ A power-down mode; supports sample frequency range of 7.2–26 KHz.	\$3.45/1,000	Samples—Now Prod.—Now
OPA551 OPA552	Burr-Brown 800.548.6132	Op amp features 3-MHz bandwidth, 15-V/ $\mu$ s slew rate; operates on supplies up to 60 V and delivers up to 200 mA of drive current.	\$1.64/1,000	Samples—Now Prod.—Now
MCP320X	Microchip 480.786.7668	12-bit ADC features 100 Ksamples/s throughput, 400 $\mu$ A active, 500 nA standby, and 2.7–5.5-V supply range.	\$2.58/1,000	Samples—Now Prod.—Now
ADS 1250	Burr-Brown 800.548.6132	ADC with DSP interface features 20-bit resolution, 25-KHz sample rate, PGA, fourth-order delta-sigma modulator, digital filter, and serial I/F.	\$6.55/1,000	Samples—Now Prod.—Now
OPA342	Burr-Brown 800.548.6132	Op amp features rail-to-rail input/output, 150- $\mu$ A supply current, 124-dB open-loop gain, and 1-V slew rate; single, dual, and quad versions.	\$1.09/100,000	Samples—Now