RECENT IC ANNOUNCEMENTS

PART NUMBER	VENDOR	DESCRIPTION	PRICE/QUANTITY	AVAILABILITY
MICROPROCESSOR				
PIC18CXXX	Microchip Tech. 480.786.7668	8-bit RISC OTP device provides 5- to 8-channel 10-bit (±1 LSB) ADC; programmable low-voltage reset and programmable brownout detect.	$5.98/10,000	Sample–Now
INTERFACE				
ADSP21mod980	Analog Devices 800.262.5643	At 1.9" square, this device contains 24 ports (equal to a T1 comm line). Consumes 60 mW/port, processes 600 mips, integrates 2 Mb of SRAM.	$265/1,000	Sample–Now Prod.–4Q99
TLFD500	Texas Instruments 800.477.8924	Codec incorporates 14-bit converters and transmit/receive filters on chip; supports 8-Mbps downstream speeds and 800-Kbps upstream data rates.	$9.50/100,000	Sample–Now Prod. 2Q99
AccessRunner	Conexant 714.245.7500	A programmable multiport ADSL chip set delivers 8 Mbps full rate and 1.5 Mbps G.lite remote access service.	$30/10,000	Sample–Now Prod.–4Q99
MEMORY				
PSD8X4F	Waferscale 650.856.6192	MCU support IC provides 256 KBytes of in-system-programmable flash memory, 3,000 gates of programmable logic; JTAG programmable.	$7.59/10,000	Sample–Now Prod.–Now
MISCELLANEOUS				
MPC60X	Microchip Tech. 480.786.7668	2.7-V op-amp family with typical operating current of 250 μA; available in single, double, and quad amp options in PDIP, SOIC, and TSSOP packages.	$0.60/10,000	Sample–Now Prod.–Now
AD7707	Analog Devices 800.262.5643	16-bit sigma-delta ADC provides low-level input ranges of 0–10 mV single-ended, through differential 2.5-V, 50-Hz output rate with ±2.5-V signal.	$4.46/1,000	Sample–Now
AD9852	Analog Devices 800.262.5643	Direct digital synthesizer with 12-bit/300-MHz DAC, 48-bit frequency precision, programmable 4–20× reference-clock multiplier in 80-pin package.	$22.50/1,000	Sample–Now Prod.–Now
AD9854	Analog Devices 800.262.5643	Dual on-chip 12-bit DACs for quadrature output, 48-bit frequency precision, and programmable 4× to 20× reference-clock multiplier.	$25.50/1,000	Sample–Now Prod.–Now
AD7741 AD7742	Analog Devices 800.262.5643	Hi-res VFC with on-chip input buffers, sync charge-balancing architecture, and an input clock frequency from 200 kHz to 6.144 MHz.	$2.86/1,000	Sample–Now Prod.–Now
S3090	AMCC 800.755.2622	10-Gbps silicon-germanium (SiGe) transimpedance amp, ideal for use in long-haul OC-192 SONET/SDH-based dense-wave-division multiplexing.	$295/1,000	Sample–Now Prod.–3Q99
AD9203	Analog Devices 800.262.5643	10-bit ADC operates on a 3.3-V supply; features full-speed 40 MSPS, data-format-select option, I/F undersampling capability up to a 130-MHz input.	$4.90/1,000	Sample–Now
MCP320X	Microchip Tech. 480.768.7668	Family of 12-bit ADCs offers 100 Ksample/s throughput, low power of 400 microamps active and 500 nanoamps standby at 2.7–5.5 V.	$2.84/1,000	Sample–Now Prod.–Now
AD9432	Analog Devices 800.262.5643	A sampling 12-bit 105-Msps ADC with an on-chip reference and track-and-hold circuit that delivers 80-dB SFDR up to the Nyquist frequency.	$49.95/1,000	Sample–Now Prod.–Now
SYSTEM LOGIC				
RTC8563	Epson Electronics 310.955.5300	Real-time clock achieves Y2K compliance by extending the 2-digit year to 4 digits with the addition of a century counter.	$2.50/each	Sample–Now Prod.–Now
MCP2510	Microchip Tech. 480.786.7668	18-pin standalone controller area network (CAN) features standard SPI, on-board interrupt capability, message masking, filtering, and prioritization.	$3.25/1,000	Sample–Now Prod.–3Q99