

RECENT IC ANNOUNCEMENTS

PART NUMBER	VENDOR	DESCRIPTION	PRICE/QUANTITY	AVAILABILITY
DSP				
DSP1609ND	Lucent 800.372.2447	Controller for digital answering machines handles caller ID, speakerphone, call waiting; runs at 100 MHz.	\$5.95/10,000	Samples—Now Prod.—1Q99
MICROPROCESSOR				
PIC16C773 PIC16C774	Microchip 602.786.7668	Microcontrollers have 8-bit RISC instruction set, 4 Kwords of OTPROM, 10-channel A/D converter, UART, 20-MHz clock rate, timers, more.	\$4.22/1,000	Prod.—Now
INTERFACE				
THS6012	TI 800.477.8924	ADSL line driver for central-office equipment such as DSLAMs, with -72-dB distortion at 1 MHz; in thermally enhanced packaging.	\$4.80/1,000	Prod.—Now
THS6022	TI 800.477.8924	ADSL line driver for customer-premise applications in modems and remote terminals, with 140-MHz bandwidth.	\$3.71/1,000	Prod.—Now
DSP1675 CSP1034C	Lucent 800.372.2447	Two-chip set for USB modems operates from 3-V supply, reducing power consumption.	\$40/10,000	Prod.—Now
ML6696	Micro Linear 408.433.5200	Transceiver chip for fiber-optic Fast Ethernet systems integrates physical-layer, LED driver, and post amplifier; complies with 100-Base-FX.	\$12.25/1,000	Prod.—Now
MEMORY				
HM624100H	Hitachi 800.285.1601	Static RAM has 4-Mbit capacity, organized as 1M×4, with 15-ns access time; also available in 4M×1, 512K×8, and 256K×16 organization.	\$27/1,000	Prod.—Now
DS2436	Dallas Semi 972.371.4448	Battery-monitoring and -identification chip has a 10-bit A/D converter, temperature sensor, and 256 bits of nonvolatile memory.	\$4.10/1,000	Prod.—Now
IDT72Vxx	IDT 800.345.7015	FIFO memories operate from 3.3-V supply at 100 MHz, with up to 1-Mbit density in ×9 and ×18 organizations; access times to 6.5 ns.	\$9.70/10,000	Prod.—Now
MISCELLANEOUS				
TLV246x	TI 800.477.8924	Low-voltage, single-supply voltage regulators offer single, dual, and quad outputs, with or without shutdown; in SOT-23 and other packages.	\$0.72/1,000	Prod.—Now
TPA1x2	TI 800.477.8924	Audio power amplifiers for headphones have 150-mW output power, stereo outputs, and small 8-pin packages.	\$0.65/1,000	Prod.—Now
MCRF250	Microchip 602.786.7286	Radio-frequency identification chip is passive 125-kHz transmitter with anticollision feature and contactless field programming.	\$0.70/10,000	Prod.—Now
L64021C	LSI Logic 800.574.4286	DVD decoder chip can output DTS surround data streams using licensed technology; 24-bit, 96-kHz audio, 256-color on-screen display.	\$40/25,000	Prod.—Now
SYSTEM LOGIC				
ZPSD611E1V-25J	WSI 415.656.5400	Support chip combines 2,500 gates of PLD, 128K of EPROM, 512 bytes of SRAM, and a programmable microprocessor interface.	\$5.15/10,000	Prod.—Now