

Recent IC Announcements

Part Number	Vendor	Description	Price/Quantity	Availability
Interface				
LTC1348	Linear Technology 800.454.6327	Monolithic transceiver delivers RS-232-compatible signals from a single 3.3-V supply. Chip includes 3 drivers, 5 receivers in SOL-28 package.	\$4.33/1,000	Prod.—Now
TDA8760	Philips 408.991.2619	Fast 10-bit ADC captures 50 Msamples/sec with 5-V supply and 850-mW power dissipation. Full-scale amplitude adjustable to 1.5 V _{pp} .	\$39.28/1	Prod.—Now
AD8300	Analog Devices 617.937.1428	12-bit voltage-output DAC operates from single 3-V supply. Consumes 4.5 mW while sourcing or sinking 5 mA, in DIP-8 package.	\$4.41/1,000	Prod.—Now
AD8600	Analog Devices 617.937.1428	Single package houses 16 8-bit DACs, each with its own input and DAC register for double-buffering. Parallel loadable at 12.5 MHz; PLCC-44.	\$25.28/1000	Prod.—Now
VT83C571	VIA Technologies	PCI-to-IDE controller chip features PCI bus mastering, support for four IDE devices, 16.6-Mbyte/sec transfer rate, 128-byte FIFO, in PQFP-100.	\$7.00/10,000	Prod.—Now
MSM6679	OKI Semiconductor 800.654.6388	Voice-recognition processor boasts better than 97% recognition with no training. Serial and CPU interfaces make it useful for PCs, telephones.	\$23.50/10,000	Prod.—Now
Memories				
24LC174	Microchip 602.786.7286	16K serial E ² PROM features special 16-byte OTP security block for important data, codes, or ID numbers. Operates from 2.2–5.5 V.	\$2.41/1,000	Prod.—Now
AT29LV1024 AT29C1024	Atmel 408.441.0311	Flash memory chip has one-megabit capacity organized as 64K×16. Parts read and write on single 3-V (LV1024) or 5-V (C1024) supply.	\$19.30/100	Prod.—Now
X25128	Xicor 408.432.8888	Dense 128-Kbit E ² PROM has SPI-compliant serial interface, 2-MHz bus frequency, and operates from 2.7–5.5-V supply. In 8-pin DIP or SOIC-16.	\$5.00/10,000	Prod.—Now
Miscellaneous				
LTC1314	Linear Technology 800.454.6327	Voltage controller for PCMCIA host adapter includes internal charge pump, provides 0-V, 3.3-V, 5-V, and 12-V outputs without 12-V supply.	\$2.26/1,000	Prod.—Now
LTC1159	Linear Technology 800.454.6327	Step-down switching regulator accepts 4-V to 40-V input, produces 5-V regulated output from 20 mA to 2.0 A with better than 90% efficiency.	\$4.70/1,000	Prod.—Now
VT82C42CF	VIA Technologies 510.683.3300	Replacement chip for 8042-based PC-compatible keyboard controller is hardwired to emulate microcontroller in pin-compatible socket.	\$1.80/10,000	Samples—Now Prod.—1Q95
74LVQ24x	SGS-Thomson 617.259.4420	Octal bus-buffer family operates at 3.3 V, with 5-V-tolerant I/O, can sink 12 mA. Submicron process keeps propagation delay to 7 ns.	\$0.80/1,000	Prod.—Now
OPL4D	Yamaha 408.467.2300	Wave-table sound chip is lower-cost version of OPL4. Chip features power-down mode and requires fewer external components.	\$28.00/10,000	Prod.—Now
Programmable Logic				
ATF16V8BQL	Atmel 408.441.0311	Very low power 16V8 is reprogrammable, consumes 35 mA maximum at 15 MHz. Standby current is a few milliamps. In DIP, PLCC, and SOIC.	\$0.67/10,000	Prod.—Now
System Logic				
Viper-N	OPTi 408.980.8860	Pentium-compatible chip set for mobile PCs supports CPU speeds above 100 MHz. Three-chip set supports L2 cache, PCI, IDE, DRAM and SMM.	\$40/10,000	Samples—Now Prod.—2Q95
R3715	IDT 800.345.7015	Single-chip system logic for R3041/51/52 and R3071/81 MIPS processors. Includes DRAM controller, DMA, serial, parallel, timers.	\$20/10,000	Prod.—Now
W42C26	IC Works 408.922.0202	Clock generator provides three simultaneous outputs from a single VCO. Outputs are 14.318 MHz, 7.2 MHz, and selectable 2–120 MHz.	\$1.65/1,000	Prod.—Now