

Recent IC Announcements

Part Number	Vendor	Description	Price/Quantity	Availability
Interface				
AD9220	Analog Devices 617.937.1428	Analog-to-digital converter offers 10-Msamples/s rate with 12-bit accuracy from a single 5-V supply; in SOIC-28 package.	\$29.90/1,000	Prod.—Now
CXD1940R CXD1944R	Sony 408.955.6572	FireWire controller chip set includes link-layer controller and physical-layer controller to join PCI with IEEE-1394 bus specification.	\$50/10	Samples—2Q96 Prod.—3Q96
CY7B8392	Cypress 408.943.2600	Transceiver for coaxial Ethernet offers low, 20-mA power consumption and drives up to 300 m of cable; in PLCC-28 and DIP-16 packages.	\$3.25/1,000	Prod.—Now
VT86C916	Via Technologies 510.683.3300	Ethernet controller for ISA systems includes 10Base-T interface, polarity detection, jumperless configuration, and 20-Mbps operation.	\$6/10,000	Prod.—Now
VT86C926	Via Technologies 510.683.3300	Ethernet controller for PCI systems includes 10Base-T interface, 20-Mbps full-duplex operation, early-interrupt feature; in PQFP-100.	\$10/10,000	Prod.—Now
LTC1324	Linear Technology 408.432.1900	LocalTalk transceiver includes differential driver/receiver, low slew-rate mode, programmable output enable, and 1-mA current draw.	\$3.60/1,000	Prod.—Now
Memory				
IDT7281 IDT7282	IDT 800.492.8674	Asynchronous FIFOs combine two independent FIFOs in a single package; in 512×9 ('81) and 1K×9 ('82) organization; in TSSOP-56.	\$6.80/5,000	Samples—Now Prod.—1Q96
ST24LC21	SGS-Thomson 617.259.4420	Serial EEPROM is customized for Plug-and-Play monitor applications; complies with VESA DDC1 and DDC2; in 128×8-bit organization.	\$1.20/10,000	Prod.—Now
TC58A040F	Toshiba 800.879.4963	Flash memory device is tailored for audio-storage applications; uses A-NAND cell design and has 4-Mbit serial capacity; in SOP-28 package.	\$6.50/1,000	Samples—Now Prod.—1Q96
Miscellaneous				
ADMC201	Analog Devices 617.937.1428	Motion-control coprocessor includes four 11-bit ADCs, vector-transform algorithms, 6-bit I/O port, and 12-bit PWM timer; in PLCC-68.	\$18.62/10,000	Prod.—Now
LTC1430	Linear Technology 408.432.1900	Switching regulator for microprocessors converts 5 V to 2.5 V with load capacity of 15 A; output controlled within 1% with 95% efficiency.	\$3.80/1,000	Prod.—Now
ML4880	Micro Linear 408.433.5200	Power controller for PCMCIA applications generates 3.3-V, 5-V, and 12-V regulated outputs from a single 5.5–18-V battery input; in SOIC-24.	\$3.07/1,000	Samples—Now Prod.—1Q96
ML6420	Micro Linear 408.433.5200	Video filter acts as low-pass filter between video source and A/D converter, reducing alias components and out-of-band noise.	\$4.95/10,000	Prod.—Now
System Logic				
T3D9692	Trident 415.691.9211	Graphics accelerator integrates 2D, 3D, and video with 64-bit memory bus; with edge smoothing, texture mapping; pin-compatible with 9680/9682.	\$37/10,000	Samples—1Q96 Prod.—2Q96
OPL4-ML	Yamaha 408.467.2300	Sound chip integrates wavetable and FM synthesizers with sample ROM and MIDI processor; in 100-lead SQFP package.	\$22/50,000	Samples—Now Prod.—1Q96
IDT4761	IDT 800.492.8674	Core-logic chip for R46xx processors includes DRAM controller, peripheral interface, and serial port; works in 32- or 64-bit bus systems.	\$23/10,000	Samples—1Q96 Prod.—2Q96