

Recent IC Announcements

Part Number	Vendor	Description	Price/Quantity	Availability
Interface				
SL82C101P	Symphony 408.986.1771	Single-chip IDE controller contains all logic required to interface to PCI bus, has on-chip decode and select. Driver software available.	\$6/1,000	Prod.—Now
P82B715	Philips 800.447.1500	Extends I ² C serial bus (normally limited to 13 ft) to over 100 ft at 100 Kbps. Allows multiple masters.	\$1.97/500	Prod.—Now
Memory				
AT29C020 AT29LV020	Atmel 408.441.0311	2-Mbit flash memory organized as 1024 sectors of 256 bytes, optional 16 Kbyte OTP "boot" sector. Available in 3- and 5-volt versions.	\$28/100	Prod.—Now
AT28LV64	Atmel 408.441.0311	64-Kbit EEPROM operates from 2.7–3.0 V with access times to 200 ns. Available in 28-pin TSOP, 32-pin PLCC.	\$28/100	Prod.—Now
AT28LV256	Atmel 408.441.0311	256-Kbit EEPROM operates from 3.0–3.6 V with access times to 200 ns. Available in 28-pin DIP and SOIC, 32-pin PLCC.	\$28/100	Prod.—Now
MT58LC32K36	Micron 208.368.4000	Synchronous SRAM operates on 3.3 V with 7-ns access time (pipelined). 32K x36 organization, supports 4-cycle bursts, has 5-V tolerant I/O.	\$40/100	Samples—Now Prod.—2Q94
MSM51116	Oki 408.737.6335	Family of 16-Mbit DRAMs operates from 3.3 and 5 V, has access times of 80, 70, and 60 ns, supports 4K and 2K refresh cycles.	\$80/5,000	Samples.—Now Prod.—1Q94
TC551402J	Toshiba 714.455.2000	Family of 4-Mbit SRAM is user-configurable as 4Mx1 or 1Mx4. Available in 20, 25, and 30 ns speeds, 32-pin 400-mil SOJ package.	\$100/100	Prod.—Now
TC51V16160AJ TC51V16160AJ	Toshiba 714.455.2000	Family of 16-Mbit DRAMs operates on 3.3 V. Organized as 1Mx16. Available with either 1K or 4K refresh, speeds to 70 ns.	\$220/100	Prod.—Now
X76041	Xicor 408.432.8888	Quad Array Security Device contains four 128x8 EEPROM arrays for personal data-carrier applications. Multiple-password protection.	\$2.50/1,000	Prod.—Now
Miscellaneous				
LT1203 LT1205	Linear Technology 800.454.6327	2:1 and 4:2 video muxes suitable for HDTV, have 30-MHz toggle rate. 1-MOhm input impedance driving 1-kOhm load, output disable.	\$2.73/1,000 \$5.06/1,000	Samples—Now Prod.—1Q94
AD812	Analog Devices 617.937.1428	Dual current-feedback video op amp with independent disables. Operates at 125 MHz, allows power supplies from 3 V to ± 15 V.	\$11.95/100	Prod.—Now
Peripherals				
AD8401	Analog Devices 617.937.1428	Single-chip data acquisition and control system has four-channel 8-bit successive approximation ADC, single 8-bit DAC.	\$7.11/1,000	Prod.—Now
Bt8215	Brooktree 619.535.3273	ATM receiver/transmitter buffer allows full-duplex transfers between 32-bit buses and 8-bit peripherals. Dual-ported 2-Kbyte input and output.	\$85/1,000	Prod.—1Q94
Bt8220	Brooktree 619.535.3273	Single-chip interface implements ATM physical layer. Supports data rates from 34–155 Mbps. Generates and checks ATM Adaption Layer.	\$90/1,000	Prod.—1Q94
KDA0491	Samsung 800.446.2760	RAMDAC contains three 256x8 color lookup tables and three 8-bit DACs. Supports 640x480 resolution at up to 110-MHz pixel clock.	\$4.50/1,000	Prod.—Now
System Logic				
PT86C868 PT86C818	PicoPower 408.954.9898	Two-chip set integrates complete 486 system logic including CPU clock, memory control, AT bus control, interrupt control, DMA, and RTC.	\$25/100	Samples—1Q94 Prod.—2Q94