

Recent IC Announcements

Part Number	Vendor	Description	Price/Quantity	Availability
General-Purpose Microprocessors				
VY86C650	VLSI 602.752.6300	ARM-family 32-bit integrated system processor. Includes 4K RAM, DRAM controller, DMA controller, parallel port, and serial port.	\$60/100	Samples—Now Prod.—1Q94
Embedded Microprocessors				
80L186	AMD	3.3-V versions of 80186 and 80188 embedded microprocessors.	\$15.50/1K	Prod.—Now
80L188	408.732.2400	Speeds are 10, 12.5, and 16 MHz.	('86, 16 MHz)	
87L51FB	Philips 408.991.5207	3.3-V, 16-MHz 80C51-based microcontroller. Includes 16K OTP ROM, 256 bytes RAM, three 16-bit timers, and UART.	\$17/5K	Prod.—Now
PIC16C64	Microchip 602.786.7200	3-V Harvard-architecture microcontroller with 8-bit ALU, 14-bit OTP program memory. 128 bytes RAM, 2K words program memory.	\$4/10K	Samples—Now Prod.—1/94
68302	Motorola 512.891.2429	25-MHz version of 68000-based microcontroller with 1152 bytes RAM, DMA controller, timers, and serial I/O. 3.3-V version up to 16 MHz.	\$29.91/10K (5V, 25 MHz)	Samples—Now
ZR38000	Zoran 408.986.1314	20-bit integer DSP intended for low-cost audio applications. Includes 8K words ROM, 2K words RAM. Instruction cycle time is 40 ns.	\$42/1K	Prod.—Now
Memory				
28F010	Intel	128K × 8, 65-ns ('010) or 256K × 8, 70-ns ('020) flash memory.	\$17.50/10K	Prod.—Now
28F020	800.548.4725		('020)	
KM684000	Samsung 408.954.7000	45-ns version of 512K × 8 SRAM.	\$150/100	Prod.—Now
KM68B1002	Samsung	128K × 8, ('1002) and 256K × 4 ('1003) SRAMs. Sampling at 8 and 9 ns,	\$62/100	Prod.—Now
KM68B1003	408.954.7000	production availability at 10 and 12 ns.		
24AA65	Microchip 602.786.7200	1.8-V, 64K serial EEPROM. Data transfer rate up to 400 kHz. 8-pin SOIC package.	\$5/1K	Prod.—Now
Peripheral Chips				
CS4920	Crystal Semi. 512.445.7222	Stereo audio decompression chip with dedicated 24-bit integer DSP, 18 Kbytes RAM, and 16-bit DAC.	\$38/1K	Samples—Now Prod.—1Q94
Wavedec	ICS 408.297.1201	Audio codec. 12 bits/sample, 44 ksamples/s. Intended as low-cost alternative to 16-bit codecs.	\$7/500K	Samples—Now Prod.—1Q94
PEB 20320	Siemens 800.777.4363 x271	32-channel PCM interface with on-chip DMA controller. Compatible with ISDN communications. 32-bit interface to the host processor.	\$76/10K	Prod.—Now
CL-CD1284	Cirrus 510.249.4521	Dual serial port with IEEE-1284-compatible parallel port.	\$10/1K	Samples—Now Prod.—1/94
CL-GP4150	Cirrus 510.249.4521	Raster printer accelerator with line drawing, trapezoid fill, and BitBLT.	\$17/1K	Prod.—Now
Programmable Logic				
PAL22V10G	Cypress 408.943.2600	5-ns version (combinatorial pin-to-pin delay) of popular PLD. State machine clock rates up to 153.8 MHz.	\$25.90/100	Samples—Now Prod.—12/93
Interface				
FAS246A	QLogic 714.438.2200	SCSI-2 interface chip upward compatible from Emulex and NCR SCSI controllers. Speed up to 7 (async) or 10 (sync) Mbytes/s.	\$98.21/10K	Samples—Now
MB86965	Fujitsu 408.922.9000	Ethernet interface compatible with 10base2 and 10base5 interfaces.	\$4.90/10K	Prod.—Now
LT1259	Linear Tech.	Dual ('1259) and triple ('1260) video amplifiers, up to 130 MHz	\$4.49/100	Prod.—Now
LT1260	408.432.1900	bandwidth.	('1260)	
LT1204	Linear Tech. 408.432.1900	4-input video multiplexer. 75 MHz bandwidth.	\$4.78/1K	Prod.—Now
LTC1142	Linear Tech.	Switching regulator controllers for converting 5 V to 3.3 V. '1143	\$7.18/1K	Samples—Now
LTC1143	408.432.1900	is designed for use with external MOSFETs for higher power.		