

Recent IC Announcements

Part Number	Vendor	Description	Price/Quantity	Availability
Embedded Microprocessors				
Z86L71	Zilog 408/370-8000	Z8-family 8-bit microcontroller oriented toward IR remote controls. Includes 8K ROM, timers, automatic on/off, operation down to 2V.	\$2.50/10K	Samples—Now Prod.—1Q93
Memory				
KM616513	Samsung 408/954-7000	32K × 16 SRAM. Speeds are 25, 20, and 17 ns. (15 ns available in 1Q93).	\$14.50/10K (17 ns)	Prod.—Now
TC55257	Toshiba 714/455-2000	32K × 8 ('257) and 128K × 8 ('1001) 3V SRAMs. Speeds are 200 ns ('257) and 150 ns ('1001).	\$14/1K (1001)	Prod.—Now
TC518128	Toshiba 714/455-2000	128K × 8 ('128) and 512K × 8 ('512) 3.3V PSRAMs. Speeds are 200 ns ('128) and 150 ns ('512).	\$20.50/1K (512)	Prod.—Now
STK10C48	Simtek 719/531-9444	2K × 8 non-volatile SRAMs with single-supply programming. 11C48 programming is triggered by a software access pattern, allowing standard SRAM pin-out. Speeds are 25, 30, 35, and 45 ns.	\$6.99/1K (45 ns)	Samples—Now Prod.—1Q93
IDT7014	IDT 408/727-6116	4K × 9 dual-port SRAM. Speed is 12 ns.	\$69/100	Prod.—Now
PDM422x5	Paradigm 408/954-0500	256 × 18 ('2205), 512 × 18 ('2215), and 1K × 18 ('2225) FIFOs. Speeds up to 10 MHz.	\$20/1K (225, 10 MHz)	Prod.—3/93
Peripheral Chips				
GSP500	ICS 215/666-1900	Genlock signal processor for use with generic VGA controllers for overlaying up to two live video feeds onto computer graphics. GSP500 is for NTSC video; GSP600 is for PAL video.	\$24.50/10K	Prod.—Now (500)
mach32-AX	ATI 416/756-0718	VGA controller with PCI bus interface.	\$75/1K	Samples—Now Prod.—1/93
82078	Intel 800/548-4725	Floppy disk controller based on the 82077. Operates at 3.3V.	\$4/1K	Samples—Now Prod.—2/93
Programmable Logic				
XC4000C family	Xilinx 408/559-7778	Cost-reduced version of existing XC4000A FPGA family. Devices include '4002C, '4003C, '4004C, and '4005C.	\$83/1K (4005C)	Prod.—Now
XC4000H family	Xilinx 408/559-7778	Version of XC4000A family with 50% more I/O pins. Devices include '4003H and '4005H.	\$206/100 (4005H)	Samples—Now
XC4300 family	Xilinx 408/559-7778	Mask-programmed version of XC4000A family. Devices include '4303, '4305, and '4310.	\$21/10K (4305)	Prod.—Now
MC22V10SC	Motorola 602/898-5119	Second source of popular PLD. 'SC operates at 3V or 3.3V. 'ST operates at 5V. Speeds are 15 and 10 ns.	\$8.70/100 (10 ns)	Samples—2Q93
PALLV16V8Z	AMD 408/749-5703	3.3V version of popular PLD. Speed is 30 ns.	\$3.87/100	Prod.—Now
Interface				
VG-465	Vadem 408/943-9301	PCMCIA 2.0 interface controller, upward compatible from Intel's 82365SL.	\$9.98/30K	Samples—1/93
ML4642	Micro Linear 408/433-5200	Ethernet multiplexer allowing two attachment unit interfaces (AUIs) to share one Ethernet transceiver.	\$10.65/1K	Prod.—Now
PMB 2230	Siemens 408/980-4500	Transmitter ('2230) and receiver ('2430) intended for cellular phones and other applications up to 1.5 GHz.	\$7.60/10K (2-chip set)	Samples—Now Prod.—1Q93
TL75LPxx	TI 800/477-8924	Voltage regulators optimized to allow low voltage differential between regulated and unregulated sides. (20% of standard parts.) Voltages offered are 4.8V, 5V, 8V, 10V, and 12V.	\$1.67/1K	Prod.—Now