

Recent IC Announcements

Part Number	Vendor	Description	Price/Quantity	Availability
Embedded Microprocessors				
μ PD77016	NEC 415/960-6000	16-bit integer DSP with 30 ns instruction cycle time. Includes two 4K \times 16 data RAM banks, one 4K \times 16 data ROM, and one 1.5K \times 32 instruction RAM.	\$45/10K	Samples—3Q92 Prod.—1Q93
Memory				
MT5LC2516	Micron Tech. 208/368-4000	16K \times 16 ('16) and 16K \times 18 ('18) latched SRAMs for 3.3V operation. Speeds are 20 and 25 ns.	\$25/100 (20 ns)	Samples—Now Prod.—2Q92
MT58LC1616	Micron Tech. 208/368-4000	16K \times 16 ('16) and 16K \times 18 ('18) synchronous SRAMs for 3.3V operation, 20 and 25 ns.	\$25/100 (20 ns)	Samples—Now Prod.—2Q92
74BCT216x	TI 214/995-6611	Cache tag RAMs in two-way 8K \times 8 ('60 and '65) and 16K \times 5 direct-mapped ('63, '64, and '66) configurations. Speed is 12 ns address-to-compare.	\$37.80/1K	Prod.—Now
TC528257	Toshiba 714/455-2000	256K \times 8 VRAM with 70 ns random-access time.	\$48/samples	Prod.—5/92
TC528267				
M5M442256	Mitsubishi 408/730-5900	256K \times 4 ('256) and 128K \times 8 ('128) VRAMs with 100 ns random-access time.	\$8/1K	Samples—Now Prod.—2Q92
M5M482128				
MT52C90xx	Micron Tech. 208/368-4000	FIFOs in 512K \times 9 ('05 and '07), 1K \times 9 ('10 and '12), and 2K \times 9 ('20 and '22) configurations. Speeds are 15, 20, 25, and 35 ns.	\$13.50/100 (20 at 20 ns)	Prod.—Now
Peripheral Chips				
PSD303	WSI	Memory and port expansion chip for microcontrollers. '303 can be configured for 8- or 16-bit bus width; '313 is 8-bit. Contains 128K bytes EPROM, 2K bytes SRAM, two 8-bit I/O ports, two PLAs, and a memory paging register; 120, 150, and 200 ns.	\$12.95/1K (303, 200 ns)	Prod.—Now
PSD313	415/656-5400			
Media Vision chip set	Media Vision 510/770-8600	Five-chip set for high-quality audio on PC/AT.	\$43.97/25K	Samples—Now
9001	Destiny 408/262-9400	Three-chip set for Postscript- and PCL-compatible laser printers.	\$48/1K	Samples—5/92 Prod.—3Q92
Z53C80	Zilog 408/370-8000	SCSI controller with on-chip 48 mA drivers. Speed is 3 Mbytes/sec.	\$3.50/1K	Prod.—Now
ALGxxxx chip set	Avance Logic 510/226-9555	Three-chip set for XGA-compatible graphics controllers.	\$56/2K	Prod.—Now
CL-GD6412	Cirrus Logic 510/623-8300	VGA controller for flat-panel displays with 3.3V operation	\$65/samples	Samples—Now Prod.—2H92
TVGA8900CX	Trident 415/691-9211	Local bus VGA controller for displays up to 1280 \times 1024, non-interlaced.	\$20/1K	Samples—Now Prod.—2Q92
Modem Chipset	AT&T 800/372-2447	Four-chip set for combination V.32 and fax modems. Speed is 38.4 Kbaud data, 9,600 baud fax.	\$105/10K	Prod.—Now
Programmable Logic				
QL12x16	QuickLogic 408/987-2000	FPGA programmed using an antifuse technology. CLB array is 12 \times 16. 68 I/O pins and 8 dedicated inputs. Toggle rate is 180 MHz.	\$98/100	Prod.—Now
EP610	Cypress 408/943-2600	10-ns version of existing 24-pin PLD.	\$22.45/100	Prod.—Now
Interface				
FCT family	Pioneer 408/748-2169	74-series compatible buffers and latches. Speeds are 3.6, 4.1, 4.6, and 7 ns.	\$7.58/5K (245 at 3.6 ns)	Prod.—Now
TQ8016	TriQuint 503/644-3535	16 \times 16 GaAs crosspoint switch with differential I/O. 1.3 Gbit/sec per channel.	\$157/1K	Prod.—Now
TL-SCSI285	TI 214/995-6611	2.85V voltage regulator for SCSI active termination.	\$1.60/1K	Prod.—Now