

## RECENT IC ANNOUNCEMENTS

PART NUMBER	VENDOR	DESCRIPTION	PRICE/QUANTITY	AVAILABIL-
<b>INTERFACE</b>				
PCI0646 PCI0643	CMD 714.454.0800	PCI-to-IDE controller chips are available in 5-V ('646) or 3.3-V ('643) versions; include ATAPI, ATA-2, and Mode 3 and 4 PIO disk support.	\$5/10,000	Prod.—Now
<b>MEMORY</b>				
MCM69P618 MCM69F618	Motorola 512.933.7726	Synchronous burst SRAMs are organized as 64K×18; available in either pipelined ('P618) or flow-through ('F618) design.	\$50/1,000	Samples—Now Prod.—1Q96
HM5216165	Hitachi 800.285.1601	Synchronous DRAM has 16-Mbit capacity organized as 1M×16; with 66-, 83-, and 100-MHz operating frequencies; in TSOP-50 package.	\$75/1,000	Samples—Now Prod.—2Q96
μPD488031	NEC 415.965.6000	Rambus RDRAM has 8-Mbit capacity, organized as 1M×8, and 500-Mbyte/s bandwidth for graphics applications; in SSOP-36 package.	\$47/10	Samples—Now Prod.—2Q96
CY27H256 CY27H512	Cypress 408.943.2600	Fast EPROMs are available with 25- to 70-ns read-access times in standard 32K×8 ('H256) or 64K×8 ('H512) organization and packages.	\$2.30/10,000	Prod.—Now
IDT7206	IDT 800.345.7015	Asynchronous FIFO is first in narrow 300-mil package, saving board space; organized as 16K×9, chip has 15- to 35-ns access time.	\$26.15/5,000	Prod.—Now
<b>MISCELLANEOUS</b>				
TransProcessor	NEC 415.965.6000	Special-purpose controller exchanges data between notebook and desktop computers via standard parallel port and cable; in TQFP-100.	\$10/10,000	Samples—Now Prod.—1Q96
TC81211	Toshiba 800.879.4963	Video and audio decoder chip for MPEG-2 upgrades earlier video-only TC81200 device; includes DRAM controller, on-screen display, filters.	\$150/10	Samples—Now Prod.—1Q96
CS4921	Crystal 512.912.3701	Single-chip audio subsystem for PCs supports MPEG-1 and MPEG-2; includes DAC, FIFO, and AES/EBU interface; in PLCC-44 package.	\$13.10/10,000	Samples—Now Prod.—1Q96
CL450SWA	C-Cube 408.944.6300	Digital video decoder for MPEG-1 delivers full-screen resolution at 30 frames/s; audio decoding is done in software by host processor.	\$29.50/10,000	Prod.—Now
DS2407	Dallas 214.450.0448	Uniquely addressable device can monitor voltage levels or open and close switches over three-wire serial bus; with 1,024 bits of RAM; in TO-92.	\$1.96/5,000	Prod.—Now
<b>PROGRAMMABLE LOGIC</b>				
XC3142L XC3190L	Xilinx 408.559.7778	Programmable logic-cell arrays are compatible with both CardBus and PCI; with 3,000 ('42) or 6,000 ('90) equivalent gates.	\$31/100	Samples—Now Prod.—2Q96
MACH221-7	AMD 800.222.9323	EPLD has 96 macrocells and fixed 7.5-ns timing; is compatible with PCI electrical specifications across industrial temperature ranges.	\$26/1,000	Prod.—Now
<b>SYSTEM LOGIC</b>				
Trio64UV+	S3 408.980.5400	Integrated graphics and video accelerator for unified memory architecture (UMA) systems includes 64-bit accelerator, video port, and other features.	\$25/10,000	Samples—Now Prod.—1Q96
T3D9692	Trident 415.691.9211	Graphics controller includes 2D and 3D acceleration, texture mapping, and video edge smoothing; pin-compatible with TGUI9680 and 9682.	\$37/10,000	Samples—1Q96 Prod.—2Q96
Voodoo	3Dfx 415.934.2400	3D graphics accelerator for PCs and game consoles performs texture mapping, morphing, perspective correction, Z-buffering, and shading.	\$75/20,000	Samples—Now Prod.—1Q96