

Recent IC Announcements

Part Number	Vendor	Description	Price/Quantity	Availability
Interface				
PCM16C00	National 800.272.9959	Multifunction I/O interface chip supports the proposed PCMCIA multi-function standard, 3.3- or 5-V power, hot-swappable, TQFP-144.	\$15/1,000	Samples—Now Prod.—4Q94
Memories				
KM4232W259	Samsung 408.954.7000	256Kx32 (8-Mbit) Window RAM implements 1-Mbyte frame buffer, in 5- and 3.3-V versions, speeds of 60 and 70 ns, PQFP-120 package.	\$42/100	Samples—Now Prod.—1Q95
M48Z32	SGS-Thomson 617.259.0300	32Kx8 nonvolatile SRAM, lithium battery-backed, offers 10-year life over 0–70°C, 6-transistor cell, 85 and 100 ns, 5-V supply.	\$17.94/1,000 (85 ns)	Prod.—Now
TC5117440BSJ/ BST	Toshiba 800.879.4963	Quad-CAS 16-Mbit DRAM, in 4Mx4 configuration, 0.5-micron CMOS, 60 or 70 ns, in SOJ-28 and TSOP-28 packages.	\$90/1	Samples—4Q94 Prod.—4Q94
MT28F400SG	Micron Quantum 208.368.4000	4-Mbit Flash in 512Kx8 and 256Kx16 organizations, features seven erase sub-blocks, 3.3- and 5-V read and 12-V programming power.	\$19.75/1,000	Samples—Now Prod.—4Q94
μPD424210A	NEC 800.366.9782	4-Mbit hyper-page-mode DRAM, organized as 256Kx16, transfers data up to 100 Mbps, 0.45-micron CMOS, in SOJ-40, TSOP-40 and -44.	\$22/1	Samples—Now Prod.—4Q94
MSM548262/ 63/65	Oki Semiconductor 408.720.1900	2-Mbit VRAM organized as 256Kx8, includes 512x8 programmable SAM, 60/70/80-ns access, 3.3- or 5-V power, in SOJ-40 package.	\$13/10,000	Samples—Now Prod.—3Q94
Miscellaneous				
TDA8718	Philips 800.447.1500 x3016	8-bit A/D converter, digitizes at up to 600 Msamples/s with 1-W dissipation, input bandwidth is 150 MHz, packaged in PLCC-28.	\$539.91/100	Prod.—Now
bq2002	Benchmark 214.407.0011	Peak charge detect and fast charge termination for NiMH batteries, safety timer, standby of 1 uA, packaged in DIP-8 and 150-Mil SOIC-8.	\$1.53/5,000 (SOIC)	Prod.—Now
STE36N50-DK	SGS-Thomson 617.259.0300	N-channel power MOSFET and rectifier optimized for PFC circuits, 500-V Vds, 36-A drain current @ 25°C.	\$19.50/5,000	Prod.—Now
CS5390	Crystal 512.442.7555	20-bit audio A/D converter features 110-db dynamic range, 100-db total harmonic distortion plus noise, 550-mW dissipation, DIP-28 package.	\$58/1,000	Prod.—Now
System Logic				
74ABT4764	Philips 800.447.1500 x3014	BiCMOS DRAM controller with PLD-type sequencing, directly addresses 4 MBytes, DMA rate of 640 Mbps, 5-V power, PQFP-100 package.	\$30/1,000	Prod.—Now
GT24001	Galileo Technology 408.451.1400	Bidirectional color pixel formatter includes three 32-bit synchronous FIFOs, each 1104 locations deep, in a single PQFP-128 package.	\$89.75/5,000	Prod.—Now
Peripherals				
TVP3025- 135PCE	TI 800.477.8924 x4500	64-bit RAMDAC enables 24-bit true color, 16 million colors at 1024x768 resolution, 135 MHz, includes frequency synthesis and PLL.	\$23.75/1,000	Prod.—Now
GTM415	Yamaha 408.437.3133	Fax Vodem controller includes a 16550 UART, operates on 5 and 3 V, and is packaged in QFP-80 and TQFP-80.	\$11/1,000	Prod.—Now
KS0119	Samsung 800.446.2760	Digital NTSC encoder and RAMDAC functions provide NTSC or PC display driver, 32-bit input port, outputs NTSC composite, S-video, or RGB.	\$12.90/100	Samples—Now Prod.—4Q94
ALG2302	Advance Logic 510.226.9555	PCI 32-bit graphics accelerator chip set that includes a 24-bit RAMDAC, a dual programmable clock, and PhotoDAC.	\$25/10,000	Samples—Now Prod.—3Q94
PC87410	National 800.272.9959	Complete PCI 32-bit local bus interface to IDE hard disk, CD-ROM, and tape drives, in PQFP-100 package.	\$4.50/10,000	Prod.—Now