

Recent IC Announcements

Part Number	Vendor	Description	Price/Quantity	Availability
Embedded Microprocessors				
MTE1122	Microchip 602.786.7200	Energy-management controller employs 8-bit RISC-based PIC 16/17 with firmware to reduce power 30% in electrical equipment	\$7.49/1,000	Prod.—Now
PIC16C74	Microchip 602.786.7200	Field-programmable EPROM-based 8-bit microcontroller for embedded applications, A/D converter, 200-ns instruction execution time	\$5.95/1,000	Samples—Now Prod.—4Q94
μPD78P366	NEC 800.366.9782	New K3 family member, 16-bit embedded microcontroller for electrical equipment, 2K RAM, 32K ROM, 10-bit 8-channel A/D	\$15/50,000	Samples—Now Prod.—1Q95
TMP47C243N/M	Toshiba 714.455.2000	New 4-bit MCU for handheld applications, 2 Kbytes ROM, 2.2 V to 6 V, and 2-mA supply current	\$2/10,000	Prod.—Now
Interface				
MSM60801	Okī 408.720.1900	Card-side PCMCIA controller IC, to 10 MHz, 5-V power, 120-byte attribute memory holds card configuration data, TQFP-100 packaging	\$5.75/10,000	Prod.—Now
Memories				
IDT7MPV6189	IDT 800.345.7015	Secondary cache module from new family offered on 160-lead card edge PCB, 256-Kbyte latched asynchronous memory, to 66 MHz	\$64/1,000	Prod.—Now
M28F102	SGS-Thomson 617.259.0300	1-Mbit flash memory 64K×16, 100 ns, 100 μA, packaged in a small 10 × 14 mm TSOP-40 or PLCC-44	\$4.95/10,000	Samples—Now Prod.—1Q95
AM27C010-70DC	AMD 408.732.2400	EPROM 1M×16, operates on a single 5-V supply, standby mode, quartz-windowed DIP/LCC, also OTP PDIP/PLCC, to 70 ns	\$3.75/1,000	Prod.—Now
TC524262/5	Toshiba 714.455.2000	Serial-access 4M 256K×16 VRAM offers block write, EDO mode, masked and flash write, speed to 60 ns, 5-V power	\$50/1	Samples—4Q94 Prod.—1Q95
AM29F016	AMD 408.732.2400	16-Mbit flash in 2M×8 organization, 32 sectors of 64 Kbytes each, programmed by single 5-V supply, in TSOP-48	\$59.90/1,000	Samples—Now Prod.—4Q94
Miscellaneous				
bq2040	Benchmark 214.407.0011	Battery-capacity monitoring IC for NiCd, NiMH, and lithium-ion batteries, meets SMBus spec, packaged in 150-mil SOIC-16	\$5/10,000	Samples—4Q94 Prod.—1Q95
System Logic				
ML6510-130	Micro Linear 408.433.5200	Intelligent clock generator de-skews its 8 outputs by measuring reflections and auto-adjusting its outputs; for top-end RISC processors to 130 MHz	\$24.25/1,000	Samples—Now
ML6510-80			\$18.60/1,000	Prod.—4Q94
82C465MV	OPTi 408.980.8178	Core-logic chip for mobile computers, supports 486-based processors, cache support, VL Bus IDE controller, power/thermal/clock control	\$18/10,000	Samples—Now Prod.—4Q94
Peripherals				
M65770FP	Mitsubishi 408.730.5900	Real-time color video decompression and expansion, full CCIR 601 720 × 480 pixel NTSC image at 30 fps, sustains 18 Mbps compressed	\$500/1	Samples—4Q94 Prod.—1Q95
CL-GD7542	Cirrus 510.623.8300	LCD VGA controller supports 800 × 600 SVGA LCDs, dithering algorithm eliminates banding, frequency synthesizer, allows TV display	\$39.50/1,000	Prod.—Now
IIT 3201 MPP	Integrated Information 408.727.1885	MPEG-1 playback processor includes audio, video, system control, arbitrary video scaling, post processing, implements on-screen GUI	\$37/10,000	Samples—Now Prod.—4Q94
WD9710	Western Digital 714.932.5000	Fully integrated 64-bit graphics and video accelerator, including RAMDAC, programmable clock, video scaler, interpolator, and filter	\$35/10,000	Samples—4Q94 Prod.—1Q95