IEEE Micro—a bimonthly publication of the Computer Society of the IEEE—focuses on helping the designers and users of microprocessor and microcomputer systems explore, produce, evaluate, and apply the latest technologies so that business and research objectives can be achieved.

Feature articles in IEEE Micro are original works relating to the design, performance, or application of microprocessors and microcomputers. Tutorial material, industry views, and discussions of standards are often selected for publication. All manuscripts are subject to a peer-review process consistent with most professional-level technical publications. This review may take up to four months.

AD CLOSING DATE: 1st of month preceding issue (Jan. 1st for February issue)

FEBRUARY
DIGITAL SIGNAL PROCESSING, OPERATING SYSTEMS, MULTIPROCESSING
Additional articles supplementing the August, October, and December 1986 issues. Titles include the 80386 plus Unix, performance analysis of Unix-based network file systems, DFT implementations, and the Heidelberg Polyprocessor system.

APRIL
JAPANESE SPECIAL ISSUE: TRON 32-BIT MICROPROCESSORS
IEEE Micro editorial board member and TRON architect/systems designer Ken Sakamura from the University of Tokyo offers a fine collection of articles about Japan’s newest offering, The Real-time Operating System Nucleus.

JUNE
NEW DEVELOPMENTS IN MICROPROCESSORS
Explore the latest in design technologies and applications with this issue. Coverage of the Fairchild Clipper, the Intel 80387 coprocessor, and other innovative chips is planned.
Deadline for articles: January 1, 1987

AUGUST
SYMBOLIC PROCESSORS AND SYSTEMS
Articles will discuss the architecture, performance, and application features of specialized microprocessors that incorporate AI languages in hardware.
Deadline for articles: March 1, 1987

OCTOBER
EUROPEAN SPECIAL ISSUE
Catch up with the industry’s newest technologies from Europe. Guest editor is Karl E. Grosspietsch, scientist at the German national research institute for mathematics and data processing, the Gesellschaft fuer Mathematik und Datenverarbeitung, in St. Augustin, West Germany.
Deadline for articles: April 1, 1987

DECEMBER
THE NEW TECHNOLOGIES
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Successful contributions will be original works with sufficient introductory material and at least 20 percent of the total length devoted to tutorial material. The tutorial section will describe the principles or techniques of existing approaches and evaluate their advantages and disadvantages. Furthermore, the contributions will describe the practical or potential applications of the material presented. To improve readability, the discussion will be augmented with examples, tables, diagrams, charts, and photographs.