

INFORMATION FOR AUTHORS

Content

The IEEE JOURNAL OF SOLID-STATE CIRCUITS is published monthly. Contributed papers may be of a tutorial or research nature, but the latter must be original and must not duplicate descriptions or derivations available elsewhere. This JOURNAL publishes papers of broad interest in the area of solid-state circuits. It provides device coverage in the areas of central importance to circuits and systems coverage in areas contiguous with circuit considerations. The subject matter should therefore relate to the analysis, design, and performance of solid-state circuits that may contain combinations of transistors, diodes, bulk-effect devices, magnetic devices, etc. The circuits may be digital, analog, microwave, or optoelectronic in nature; integrated circuits and large-scale integration are of principal interest.

Submission of a manuscript manifests the fact that it has received proper clearance from the author's company or institution, that it has not been copyrighted, published, submitted, or accepted for publication elsewhere, and that it will not be submitted elsewhere while under consideration. The manuscript text should not contain any commercial references, such as company names, university names, trademarks, commercial acronyms, or part numbers. All material not accepted will be returned.

Length

Authors should document their work in relation to the open literature. The following limits on length will be enforced.

- 1) Regular papers, 7 to 15 double-spaced typewritten pages in length, plus up to 10 pages, $8\frac{1}{2}''$ by $11''$, of figures.
- 2) Brief papers of up to 6 double-spaced typewritten pages, plus not more than 3 pages of figures.
- 3) Correspondence items of up to 3 double-spaced typewritten pages, plus not more than 2 pages of figures.

Styles for Manuscript

- 1) The manuscript should be typewritten using double or $1\frac{1}{2}$ space; use one side of the sheet only, single-column format; use 12 point font, 1 inch margins, and no more than 25 lines of text per page. Office-duplicated copies are acceptable.
- 2) Provide a carefully worded abstract of from 100 to 200 words for papers and less than 50 words for correspondence. Name, address, and telephone number of author(s) should appear with the abstract.
- 3) The style for organization of a paper, abbreviations, etc., can be determined from previous issues of this JOURNAL. A pamphlet, "Information for IEEE TRANSACTIONS AND JOURNAL Authors," is available on request from the IEEE Transactions/Journals Department, 445 Hoes Lane, P.O. Box 1331, Piscataway, NJ 08855-1331 or e-mail to trans@ieee.org.
- 4) References should appear in a separate bibliography at the end of the paper. References should be complete and in IEEE style.
Style for papers: Author (with initials first), title, journal title, volume number, inclusive page numbers, month, year.
Style for books: Author, title, location, publisher, year, page or chapter number (if desired). See this issue for further examples.
- 5) Figure captions should be on a separate sheet in proper style for typesetting.
- 6) Departures from the above style may delay publication.

Style for Illustrations

- 1) Originals of drawings and glossy print photographs should be sharp and of good contrast. Line drawings should be in black ink on a white background. Use $8\frac{1}{2} \times 11$ inch size sheets to simplify handling of the manuscript. Template lettering is recommended; typing on figures is not acceptable. Lettering should be large enough to permit legible reduction of the figure to column width, perhaps as much as 4:1.
- 2) Identify each illustration on the back or at the bottom of the front with the figure number and name of author(s). Indicate the top of a photograph. *Captions lettered on figures will be blocked out in reproduction in favor of typeset captions.*

Copyright

It is the policy of the IEEE to own the copyright to the technical contributions it publishes on behalf of the interests of the IEEE, its authors, and their employers, and to facilitate the appropriate reuse of this material by others. To comply with the U.S. Copyright Law, authors are required to sign an IEEE copyright transfer form (<http://www.ieee.org/about/documentational/copyright>) before publication. This form, a copy of which appears in the January issue of this JOURNAL, returns to authors and their employers full rights to reuse their material for their own purposes. Authors must submit a signed copy of this form with their manuscripts.

Submissions

There are two ways to submit a manuscript. The first is to send five paper copies of your manuscript to the Editor. Each copy should be complete with illustrations and should be accompanied by a separate sheet containing the address to which proofs and other correspondence can be sent. The second submission method is to send your manuscript in Portable Document Format (PDF) as an e-mail attachment to jssc-subm@ieee.org. In the body of the e-mail message, include the name, address, phone number, fax number, and e-mail address of the contact author, as well as the manuscript title and authors' names. Also be prepared to submit original illustrations immediately upon acceptance of your manuscript. In the case of regular papers, also be prepared to provide a brief technical biography and photograph of each author.

Review Process

The review process usually requires about three months. The author is then notified of the decision of the Editor or Associate Editor. The authors may be asked to modify the manuscript if it is not accepted or rejected in its original form. The elapsed time between receipt of a manuscript and publication is usually about 12 months.

Disk Copy of Accepted Manuscripts

After a manuscript has been accepted for publication, a disk copy of the manuscript should be included along with the final paper copy of the manuscript. Please do not submit on a disk versions of manuscripts that have not been accepted for publication.

The following is a list of general guidelines for submission of a manuscript on a disk by prospective authors.

- The operating system and word-processing software used to produce your document should be noted on your disk and summarized on a floppy disk information form (http://www.sscs.org/jssc/j_submit.pdf), which should be included with the disk. In the case of UNIX media, the method of extraction (i.e., tar, bar, dump) should also be noted.
- The hardcopy should match its companion disk exactly. Any changes that have been made to the hardcopy should be incorporated into your disk.
- The disk should be labeled with the file name(s) relating to the manuscript.
- No program files should be included on the disk.
- Package floppy disks in such a way as to minimize possible damage in transit.
- Include a flat ASCII version on the disk with the word-processed version, if possible.
- Adhere to the accepted style of this JOURNAL as much as possible.

While the list of processing programs acceptable to IEEE electronic production is almost endless, there are preferred programs that, when used, enable the preservation of the greatest amount of information. TeX or LaTeX are preferred. An IEEE LaTeX style file, IEEEtran.sty, is obtainable by authors (<http://www.ieee.org/organizations/pubs/authors.html>) or e-mail a request to trans@ieee.org. The following points are important to remember when submitting disks in TeX or LaTeX. 1) Include all macros (\def) that are required to produce your document. 2) IEEE JOURNAL style dictates a 21-pica (3.5-in) column width. If mathematical phrases are produced with this in mind, they are apt to appear more aesthetically pleasing in the final version.

The IEEE will accept: 1) any IBM-PC (or 100% compatible) disk format: 3.5-in/720k/1.44 Mb (DS/DD, DS/HD, DS/QD, etc.); 2) Macintosh disk format (low and high density); 3) 3.5-in floppy disk (UNIX: tar, bar, dump). If in doubt, don't hesitate to inquire using help@ieee.org or see the Web site: <http://www.ieee.org/organizations/pubs/authors.html>

Page Charges

After a manuscript has been accepted for publication, the author's company or institution will be requested to pay a charge of \$110 per printed page to cover part of the cost of publication. Page charges for this IEEE JOURNAL, like those for journals of other professional societies, are not obligatory, nor is their payment a prerequisite for publication. The author will receive 100 free reprints without covers if the charge is honored. Detailed instructions will accompany the galley proof.