



Contest Rules

1. Each project must be the original work and property of the person or team who submits it, or the entrant must have written legal permission from those who do. In the case of projects owned by other parties, the written legal permission must be included with the entry.
2. Projects may be submitted in **hard copy** or **digital format** and must be written in English. The postal and e-mail addresses for submitting contest entries are shown at the bottom of this page.

All hard copy entries must include:

- **ENTRY:** A hard copy of the entry form should be filled out completely and accompany the project when shipped. As an alternative, an entrant may submit a completed entry form either online or via fax ahead of time and receive a Project Number like a digital entry. In that case, the Project Number MUST be used on the hard copy materials to identify the specific project being submitted. A complete entry consists of three items: an entry form, an abstract, and the project entry documentation.
 - **ABSTRACT:** The abstract is a publishable description (approx. 500 words) of the project in Microsoft Word or ASCII text, including a block diagram (in PDF or Word format) of the design, project photograph, a schematic, and brief sample of software code (a code snippet). If the abstract of any entry does not contain a block diagram, then the project schematic will be deemed part of the abstract when used for publication purposes. Submit documentation in PDF or Microsoft Word format only. Project photographs included for the full entry documentation may be used concurrently for the abstract.
 - **ENTRY DOCUMENTATION:** The entry documentation is the complete documentation of the project and its operation. This includes a more detailed text description, software, flowcharts, schematics, diagrams (where appropriate), and project photographs. In addition, entrants must digitally submit fully compilable source code.
 - Four (4) copies (1 copy per judge) of fully compilable source code copies on 3.5" disks
 - Four (4) copies (1 copy per judge) of all documentation
 - Four (4) (1 copy per judge) identical photographs of the completed project
- Note: Do not send the physical project unless you are notified as being a winner.

All digital entries must include:

- **ENTRY:** The completed entry form may be submitted either online or via fax. Each entrant then will be assigned a Project Number that MUST be used to identify the specific project being submitted. A complete entry consists of three items: an entry form, an abstract, and the project entry documentation.
 - **ABSTRACT:** The abstract is a publishable description (approx. 500 words) of the project in Microsoft Word or ASCII text, including a block diagram (in PDF or Word format) of the design, project photograph, a schematic, and brief sample of software code (a code snippet). If the abstract of any entry does not contain a block diagram, then the project schematic will be deemed part of the abstract when used for publication purposes. Submit documentation in PDF or Microsoft Word format only. Project photographs included for the full entry documentation may be used concurrently for the abstract.
 - **ENTRY DOCUMENTATION:** The entry documentation is the complete documentation of the project and its operation. This includes a more detailed text description, software, flowcharts, schematics, diagrams (where appropriate) and project photographs. In addition, entrants must submit fully compilable source code. Digital submissions need to contain at least one digital image of the project or a note stating that photographic prints have been sent via mail.
- Note: Do not send the physical project unless you are notified as being a winner.

Contestants may enter more than one project but must submit each with a separate entry form. A contestant who pre-registers as a digital entry (and receives a pre-assigned project number) is allowed to submit the project in hard copy format, if preferred. **There should be no personal identification or corporate affiliation markings on ANY of the submitted materials. Your name, address, or corporate affiliation should appear ONLY ON THE ENTRY FORM. Only the assigned project number should be used as an ID within the entry materials. Contestants who leave their names in headers, footers, table of contents pages, schematics, etc. may be disqualified.**

3. The project's core processor hardware must be Microchip brand (check the Circuit Cellar web site for additions, qualifications, or changes to these specifications). Visit www.circuitcellar.com/flash2002 for sources of databooks and downloadable development tools. Sources for development kits and individual chips are available via the Circuit Cellar web site, your local Microchip sales office, or a local distributor.
4. **All entries must be received on or before December 16, 2002.** Entries received after this deadline are deemed ineligible.
5. We encourage all contestants to seek patents for any unique or proprietary aspects of the design prior to submission. The design remains the intellectual property of the contestant. To avoid additional shipping and organizational difficulties, all copies of entry documentation become the property of Circuit Cellar and will not be returned. Source code submitted with any entry remains the property of the entrant and is not distributed except to the judges nor is it published without the entrant's specific permission. A portion of source code defined as a code snippet that is submitted as part of the abstract shall not be considered proprietary and will be published along with the rest of the abstract contents.
6. Only winning projects must be shipped to Circuit Cellar (postal address below). The contestant bears all responsibility for shipping and insuring their winning entry to Circuit Cellar. If you are chosen as a winner, Circuit Cellar will contact you with all the details and how you need to ship your project. Projects will be returned after the winning entry is photographed. In the event of logistical problems in sending your completed project to us, special arrangements can be made among Circuit Cellar, Microchip, and the winner.
7. All contestants entering projects in the Mad Dash for Flash Cash Microchip Design 2002 Contest agree to assign Circuit Cellar exclusive first-publication and nonexclusive full-publication rights of the contest project if they win any monetary or other prize award and if Circuit Cellar elects to publish it. If the project is published as a separate article in Circuit Cellar or any other Circuit Cellar publication, the contestant will be paid at standard Circuit Cellar Press remuneration. All contestants entering projects in the Mad Dash for Flash Cash Microchip Design Contest 2002 assign to Circuit Cellar and Microchip the right to publish (print or electronic/Internet media) the submitted project abstract. Prior publication or the prior Internet posting of essential ingredients in an entry is not a disqualification. The publication rights described herein refer only to the materials presented as a Mad Dash for Flash Cash Microchip Design Contest 2002 entry.
8. All Mad Dash for Flash Cash Microchip Design Contest 2002 entries will be judged by Circuit Cellar on the following: technical merit, originality, usefulness, cost-effectiveness, and design optimization. Bonus consideration will be given if the design incorporates any of the following items or design features:

TC1047 Temperature sensor • MCP6022 Op-amp • MCP3002 ADC • MCP42100 Digital Potentiometer
MCP1541 V_{REF} • At least one communication port • CCP to control an event

Contest judges have been chosen based on their familiarity with engineering design, component familiarity, and experience. All decisions made by the judges are final.

9. **PRIZES:** Grand Prize is a Microchip ICE2000/processor module/device adapter and free registration to MASTERS or \$2000 (USD). First Prize is a Microchip C Compiler and free registration to MASTERS or \$1000 (USD). Second Prize is a Microchip PICSTART Plus and free registration to MASTERS or \$700 (USD). Third Prize is free registration to MASTERS or \$500 (USD). And, five Honorable Mention prizes of a Microchip ICD2 module (no cash alternative available for the five Honorable Mention prizes) will be awarded. Travel is not included in registration to MASTERS, and all travel and incidental expenses are the responsibility of the winner. U.S. residents are required to provide a Social Security number before receiving any prize. All winners will be notified on or about March 17, 2003, as well as featured in the June 2003 issue of Circuit Cellar. All contestants are invited to submit their design write-ups for future Circuit Cellar articles.
10. Contest rules are subject to change. Check www.circuitcellar.com/flash2002 for rules updates, up-to-date information, and answers to frequently asked questions.
11. Address all correspondence concerning the contest to:

Mad Dash for Flash Cash Microchip Design Contest 2002
Circuit Cellar • 4 Park St. • Vernon, CT 06066
(860) 875-2199 • Fax: (860) 871-0411
contest.administrator@circuitcellar.com • www.circuitcellar.com/flash2002