

Design98 OFFICIAL RULES

Contest

Thank you for your interest in **Design98**, *Circuit Cellar INK*'s tenth design contest, sponsored by Microchip Technology Inc. You may enter any working electronics project based on a PICmicro™ microcontroller. Our goal is to encourage you to design unique applications that are useful and creative.

This design contest gives you an opportunity to show the rest of us your creative spirit. *Circuit Cellar INK* and Microchip want you to demonstrate what can really be done with PICmicro MCUs.

Innovation, simple elegance, and quality of design are key factors to success in this contest. We welcome entries that run the gamut between proven and leading-edge technologies. Projects can range from the very simple to the most intricate. Keep in mind, however, that winning is not a function of complexity.

Of course, there are a few rules. Look them over, circle the deadline on your calendar, take the phone off the hook, and have fun designing a winner. We look forward to seeing your project in our mailbox.

Winners will be notified by mail, announced publicly at Embedded Systems Conference East (March 31–April 2, 1998), and highlighted in May's Issue 94 of *Circuit Cellar INK*.

1. Each project must be the original work and property of the person who submits it.
2. Each project must be submitted as part of a complete entry which consists of:
 - a completed and signed entry form
 - a publishable abstract (approx. 100–200 words) and block diagram of the design (see Web examples)
 - complete and legible schematics of the hardware used
 - complete documentation of the project and its operation, including software, flowcharts, and diagrams where appropriate. Submit extensive software listings digitally (send three [3] copies on 3.5" disks [1 copy per judge]).
 - three (3) copies of all documentation (1 copy per judge)
 - three (3) identical photographs of the completed project (1 copy per judge)

A contestant may enter more than one project but must submit each as a separate entry. Your name, address, or corporate affiliation should appear only on the entry form. You cannot submit the same project to more than one judging category.

3. All core hardware must be selected from the Microchip PIC12CXXX, PIC16CXXX, or PIC17CXXX microcontroller families.
4. **All entries must be received by 5:00 p.m. on March 1, 1998.** 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. However, 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 INK* and will not be returned.
6. Only winning projects must be shipped to *Circuit Cellar INK* (address below) for photographing. The contestant bears all responsibility for shipping and insuring to *Circuit Cellar INK*. We will contact you with more details if you win and need to ship your project to us. Projects will be returned.
7. All contestants entering projects in **Design98** agree if they win to assign *Circuit Cellar INK* exclusive first-publication and nonexclusive full-publication rights of the project. If the project is published as a separate article in either *Circuit Cellar INK* or a volume of the *Circuit Cellar Project File*, the contestant will be paid standard Circuit Cellar Press remuneration. All contestants assign to Microchip Technology Inc. the right to publish the submitted project abstract.
8. Designs will be assigned to their respective judging category—PIC12CXXX, PIC16CXXX, or PIC17CXXX. The contest judges (three for each category) have been chosen based on their familiarity with engineering design, component familiarity, and experience. Entries will be judged on their:

technical merit ♦ originality ♦ cost effectiveness
utility or applicability ♦ efficiency of development & design process

Winners will be chosen based on *all* of the criteria given. All decisions made by the judges are final.

9. The contestant awarded Best Overall will receive \$5000 and an HP546D Mixed Signal Oscilloscope. First, Second, and Third Prizes will be awarded for each judging category. These winners will receive \$3000, \$2000, and \$1000, respectively. Each First Place winner will also receive an HP LogicDart. If one or more of the specified incentive components (PIC12C5XX, PIC16F84, PIC16C924, PIC17C756, 24C00, and HCS300) is used in a **winning design**, that winner will receive a bonus prize of \$500. (All prizes are in U.S. dollars.) All winners will be announced at the 1998 Embedded Systems Conference East, as well as featured in *Circuit Cellar INK* 94, May 1998. Contestants are invited to submit their design write-ups for future *INK* articles.

10. Contest rules subject to change. Check www.circuitcellar.com for up-to-date information.

11. All correspondence concerning the contest should be addressed to:

Design98 ♦ Circuit Cellar INK ♦ 4 Park St. ♦ Vernon, CT 06066
(860) 875-2199 ♦ Fax: (860) 871-0411 ♦ www.circuitcellar.com ♦ janice.hughes@circuitcellar.com

Circuit Cellar INK and Microchip Technology Inc. present **Design98** with cosponsors Hewlett-Packard, Bell Milgray, and Pioneer-Standard Electronics Inc.

The Microchip name, logo, and PIC are registered trademarks, and PICmicro is a trademark of Microchip Technology Inc. in the USA and other countries. All other trademarks are the property of their respective companies. ©1997 Microchip Technology Inc. All rights reserved.