

Welcome! Check out the latest news, software tools, seminars, and technical articles on Altera's embedded processing solutions.

Quarterly Spotlight

[New Nios II Embedded Evaluation Kit, Cyclone III Edition](#)



See remote configuration, LCD control, graphic libraries, hardware acceleration, and Ethernet in action with the new Nios® II Embedded Evaluation Kit. The drop-in design examples and software demos included in the kit will help you get your system up and running fast.

[Order your kit online today!](#)

New design examples and demos for the kit are still being developed! Stay up-to-date by bookmarking and visiting www.altera.com/nios2eval.

Embedded Software & Tools

[Nios II Processor Core Now Available for Standard-Cell ASIC Designs, Programmable Logic DesignLine](#)

First you could implement Nios cores on an FPGA, then on structured ASICs, and now Nios II cores are available for standard-cell ASICs! Through the Synopsys [DesignWare® Star IP](#) program, you can now deploy standard-cell ASIC designs with the ASIC-optimized Nios II/f core.

[Soft-Core ARM Cortex-M1 on Cyclone III FPGAs Now Available](#)

Take the world's first ARM® processor designed specifically for implementation in FPGAs and put it on Cyclone® III FPGAs, and you have an ideal platform for high-volume, cost-sensitive applications. Contact [Arrow](#)

[Electronics](#) today for your Cortex™ Development Kit for Altera® Cyclone III FPGAs and get started!

In This Issue:

[Embedded Software & Tools](#)

[Literature & Technical Resources](#)

[Webcasts & Training](#)



Literature & Technical Resources

[Design Example: Application Selector Utility](#)

Choose, load, and run multiple applications from an SD card with this new design example. The design example not only loads new software to the Nios II CPU, but also loads new hardware to the FPGA. Download it from the website today, or receive it when you purchase a [Nios II Embedded Evaluation Kit, Cyclone III Edition](#).

[Design Example: Web Server with Remote Configuration](#)

Remotely configure both your hardware and software over Ethernet with this new Web Server design example. This example shows how to serve up a web page from a Nios II development board using the NicheStack TCP/IP Network Stack - Nios II Edition, MicroC/OS-II real-time operating system with the remote update capability of Cyclone III FPGAs. Download it from the website today, or receive it when you purchase a [Nios II Embedded Evaluation Kit, Cyclone III Edition](#).

[White Paper: A Flexible Solution for Industrial Ethernet \(PDF\)](#)

Discover how low-cost FPGAs, the Nios II processor, and IP can be used to develop a multi-standard industrial Ethernet platform that delivers fast development times and obsolescence protection. Download the white paper today!

Webcasts & Training

[New Training Series: Developing Software For the Nios II Processor](#)

First-time Nios II user? Watch the latest free online training courses geared toward software developers who are using Nios II processors for the first time. These 30-minute online trainings walk you through everything from the tool flow, to debugging, to the software build flow. View them today!

- [Tools Overview](#)
- [Design Flow](#)
- [Hardware Abstraction Layer \(HAL\) Primer](#)
- [Debug Primer](#)
- Software Build Flow: [Part 1](#), [Part 2](#)

Altera also offers instructor-led training in locations around the US:

- [Designing with the Nios II Processor and SOPC Builder](#)
- [Developing Software for the Nios II Processor](#)
- [Implementing Embedded Systems in Programmable Logic](#)

[Webcast: Implementing Flexible Industrial Ethernet Solutions](#)

With low-cost FPGAs and the Nios II embedded processor, you can create a

single, flexible hardware design that can support all industrial Ethernet standards and protect your design from obsolescence. View the webcast today!

[Back to Top](#)

To ensure that you receive future issues of the Embedded newsletter, please add announcements@altera.com to your address book.

As a subscriber to the Embedded newsletter, you will receive a quarterly email newsletter. Altera respects your privacy. If you no longer wish to receive this newsletter, please [unsubscribe](#).

[Subscribe](#) to additional Altera email updates and newsletters, or view/edit all of your Altera email subscriptions. Altera email communications include:

- Product Announcements & Updates
- Inside Edge eNewsletter
- Embedded eNewsletter
- Webcast eNewsletter

Copyright © 1995-2007 Altera Corporation, 101 Innovation Drive, San Jose, California 95134, USA