

ARROW ELECTRONICS AND ALTERA

Embedded Software Design Made Easy >>

Introducing the BeMicro SDK

Arrow and Altera have partnered to make customizing an embedded processor solution faster and more affordable than ever before. Introducing the new BeMicro SDK (Software Development Kit), an easy-to-use evaluation platform that lets you create, compile, run, and debug a software project with a Nios® II processor in just minutes.

The BeMicro SDK

Experience Altera's Nios II Configurable 32-bit Embedded Processor

Utilizing the popular USB stick format, the BeMicro SDK retains all of the benefits of its predecessor—compact size, low cost, reference designs, software templates, and self-guided materials—while including expanded software design features. Whether you're new to software design, or an experienced pro, the BeMicro SDK makes embedded processing easy.

Attend a Hands-on Workshop for Only \$59 and Receive a FREE BeMicro SDK

Leave the workshop with a deeper understanding of embedded design and a FREE BeMicro SDK (\$79 value).

The code-ready BeMicro SDK features the Nios II Embedded Design Suite that is a complete software development suite utilizing the Eclipse framework that includes tools, operating system and network stack. Join us and see just how beneficial developing with a Nios II processor can be.

Hurry, seats and FREE boards are limited!

For a complete list of workshop dates and locations and to register now visit www.arrow.com/bemicroSDK or call your Arrow representative today at 800-833-3557.

Can't Attend a Workshop?

Request a lunch-and-learn with your local Arrow FAE today!

The BeMicro SDK
A Complete Soft-Core
Embedded Processor
Evaluation System
on a USB Stick!



Key Features

- Altera Nios II processor
- microSD card and Ethernet interfaces
- Temperature sensor
- USB powered
- Onboard Mobile DDR memory
- Eclipse-based integrated design environment (IDE)
- Fully supported with examples and templates
- Suitable for virtually all embedded applications
- Commercial grade network stack
- RTOS ready - Micrium uC/OS-II included

5 Reasons Why You Should Put Your Processor on an FPGA

- Design flexibility
- Obsolescence proof
- Multi-core support
- Hardware acceleration
- Familiar software tools

Nios® II

About the Altera Nios II processor

The Altera Nios II processor enables you to take advantage of a variety of tools and resources, including:

- Leading operating systems i.e., Micrium MicroC/OS-II and Timesys Linux
- Powerful debugging tools from Lauterbach

#bemicro

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