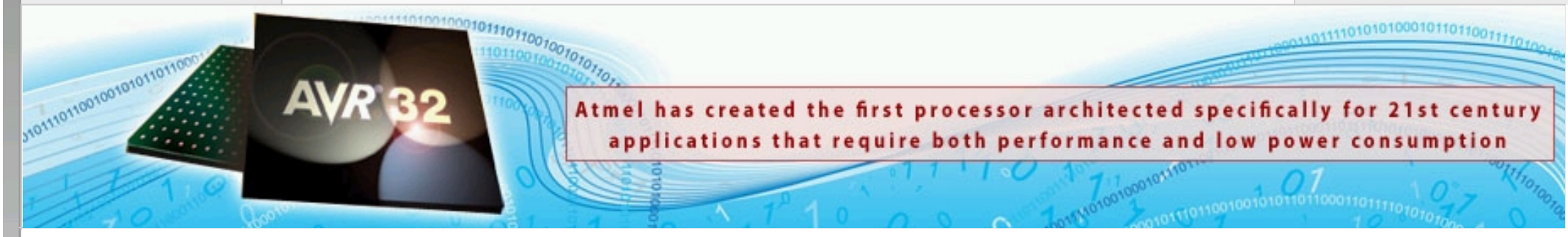


AVR32 32-bit MCU

- Home
- AP7 Application Processors
- UC3 Flash MCUs
- Devices
- Tools & Software
- Datasheets
- Application Notes
- Other Documents
- Frequently Asked Questions
- MCU Support Center
- Third Party Support
- University
- What's Changed
- Request Samples

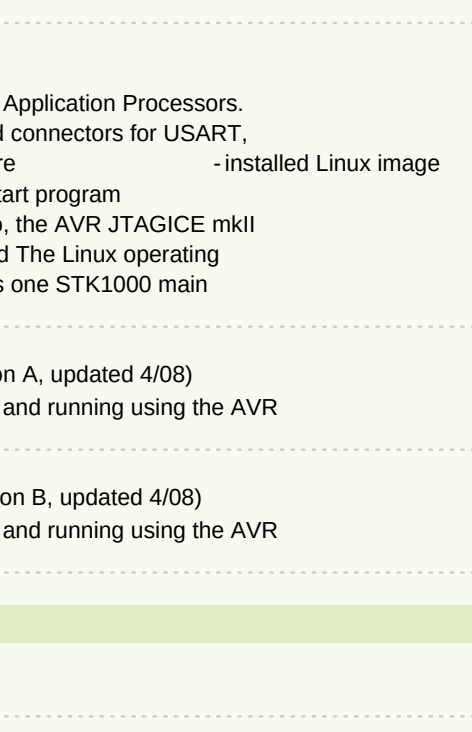
AVR ONE!

Description:

The AVR ® ONE! is a powerful development tool for on - chip debugging and programming of all AVR32 devices. In the future AVR ONE! will also support all AVR devices.

Suppported debug interfaces are JTAG (IEEE 1149.1), debugWire, PDI and the Nexus (IEEE - ISTO 5001(TM) - 2003) auxiliary interface for high - speed trace. Supported programming interfaces are ISP, JTAG and PDI. Interfaces with AVR32 Studio 2 and newer.

Ordering: ATAVRONEKIT



Ordering Code : ATAVRONEKIT

Check Distributor Inventory

Documents:

ATSTK1000 Schematics (Other, 18 pages, updated 9/08)
STK1000 provides a complete development environment for the AVR32 AP7 Application Processors. The kit has two Ethernet ports, a high quality QVGA LCD, a loudspeaker, and connectors for USART, PS/2, VGA, and USB. An expansion header can be used for prototyping. A pre - installed Linux image on the enclosed 256 MB SD card ensures that the user can boot Linux and start program development directly after power up. STK1000 is supported by AVR32 Studio, the AVR JTAGICE mkII and AVR ONE debuggers, GNU GCC or the IAR compiler. The kit is designed The Linux operating system and associated using the GNU GCC compiler. The starter kit contains one STK1000 main board plus one replaceable STK100x CPU module.

ATSTK1002 Schematics (Other, 7 pages, updated 9/08)
STK1000 provides a complete development environment for the AVR32 AP7 Application Processors. The kit has two Ethernet ports, a high quality QVGA LCD, a loudspeaker, and connectors for USART, PS/2, VGA, and USB. An expansion header can be used for prototyping. A pre - installed Linux image on the enclosed 256 MB SD card ensures that the user can boot Linux and start program development directly after power up. STK1000 is supported by AVR32 Studio, the AVR JTAGICE mkII and AVR ONE debuggers, GNU GCC or the IAR compiler. The kit is designed The Linux operating system and associated using the GNU GCC compiler. The starter kit contains one STK1000 main board plus one replaceable STK100x CPU module.

AVR ONE! Quick Start Guide (EVK1101)(User Guide, 58 pages, revision A, updated 4/08)
This document contains a quick - start guide describing how to get up and running using the AVR ONE! debugger with AVR32 Studio.

AVR ONE! QuickStart Guide (EVK1100) (User Guide, 63 pages, revision B, updated 4/08)
This document contains a quick - start guide describing how to get up and running using the AVR ONE! debugger with AVR32 Studio.

Software:

Register **AVR32 Studio for Windows** (207 MB, revision 2.0.2, updated 5/08)
AVR32 Studio installer for Windows.

Register **AVR32 Studio for Linux** (191 MB, revision 2.0.2, updated 5/08)
AVR32 Studio package for Linux.

Related Devices:

AT32AP7000 AT32AP7001 AT32AP7002 AT32UC3A0128 AT32UC3A0256 AT32UC3A0512 AT32UC3A1128 AT32UC3A1256 AT32UC3A1512 AT32UC3B0128 AT32UC3B0256 AT32UC3B064 AT32UC3B1128 AT32UC3B1256 AT32UC3B164