ATMEL
Everywhere You Are®

AVR 32

Atmel has created the first processor architected specifically for 21st century applications that require both performance and low power consumption

Products > > AVR32 32-bit MCU > Tool Card

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

ATEVK1100

Description:

The EVK1100 is an evaluation kit and development system for the AVR32 AT32UC3A microcontroller.
It is equipped with a rich set of peripherals, memory, and makes it easy to try the full potential of the AVR32 devices.

- Supports the AT32UC3A
- Ethernet port
- Sensors: Light, Temperature, Potentiometer
- 4x20 Blue LCD (PWM Adjustable backlight)
- Connectors for JTAG, Nexus, USART, USB 2.0, TWI, SPI
- SD and MMC Card Reader

Ordering Code: ATEVK1100

✓ **Check Distributor Inventory**

Documents:

AVR ONE! Quick-Start 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.

AVR32 UC3 USB DFU Bootloader (Datasheet - Complete, 28 pages, revision A, updated 07/07)

AVR32015: AVR32 Studio getting started (Application Note, 24 pages, revision C, updated 4/08)
This application note is a quick start guide for the AVR®32 Studio. It documents on a step by step basis how a simple program can be created as standalone or Linux® application.

AVR32710: Space Vector Modulation using AVR32 UC3 Microcontroller (Application Note, 19 pages, revision A, updated 3/08)
This application note outlines a demonstration using a stand-alone application on an AVR32 target. It is a real-time system that computes Space Vector Modulation on a Brushless DC Motor. This application is designed to work with the EVK1100 evaluation kit.

AVR32717: Compatibility Note AT32UC3Ax Revision E to Revision H or later (Application Note, 13 pages, revision B, updated 04/08)
This document outlines the software operations to migrate software from an AT32UC3Ax revision E, also known as engineering sample (ES), to AT32UC3Ax revision H and later.

EVK1100 BOM (Bill of Materials, revision A, updated 07/07)

EVK1100 Getting Started (User Guide, 4 pages, revision A, updated 05/07)

EVK1100 Schematics (Other, revision C, updated 2/08)

Software:

OrCAD Library Zip Archive for the AVR32UC3 family (18 KB, updated 03/08)

AVR32 UC3A Software Framework 1.3.0 (32 MB, revision 1.3.0, updated 04/08)
This version supports AT32UC3Ax Revision H or later.
The AVR32 AT32UC3A software framework consists of AVR32 UC3A microcontroller drivers, software services, and demonstration applications.
Each software module is provided with full source code, example of usage, rich html documentation and ready-to-use projects for the IAR EWAVR32 and GNU GCC compilers.

AVR32 UC3A Software Framework 1.2.1ES for Engineering Samples (29 MB, revision 1.2.1ES, updated 04/08)
This version supports only AT32UC3Ax Revision E. All parts marked with "32UC3Ax512-UES" are revision E part.
The AVR32 AT32UC3A software framework consists of AVR32 UC3A microcontroller drivers, software services, and demonstration applications.
Each software module is provided with full source code, example of usage, rich html documentation and ready-to-use projects for the IAR EWAVR32 and GNU GCC compilers.

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

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

Related Devices:

AT32UC3A0128 | AT32UC3A0256 | AT32UC3A0512 | AT32UC3A1128 | AT32UC3A1256 | AT32UC3A1512