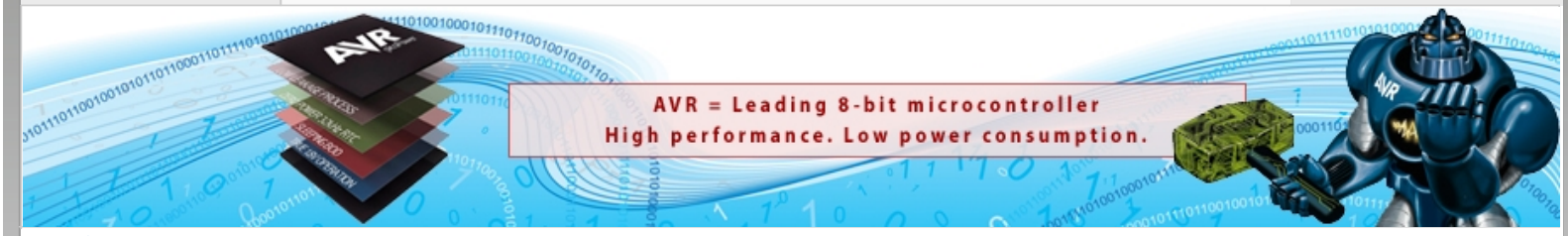

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AT90USBKey

Description:

The AT90USBKey is a low-cost demonstration board based on the AT90USB1287 microcontroller. It allows the quick evaluation of AVR microcontrollers and the AT90USB family. The key simply connects to the USB port of a personal computer to retrieve on-board documentation and run AVR programs. Designers can either run demonstration programs or their own application. It also allows hardware developments by giving access to the JTAG port and all the IOs of the microcontroller. An external power supply can be used for USB host or stand-alone operation.

Ordering Code: AT90USBKEY

Check Distributor Inventory

Documents:

AT90USBKey Hardware User Guide (User Guide, 22 pages, revision A, updated 04/06)
This document describes the AT90USBKey dedicated to the AT90USB AVR microcontroller.

AVR270: USB Mouse Demonstration (Application Note, 11 pages, revision B, updated 03/08)
This document describes a simple mouse project. It allows users to quickly test USB hardware using AT90USB without any driver installation.

AVR271: USB Keyboard Demonstration (Application Note, 20 pages, revision A, updated 1/06)
The aim of this document is to describe how to start and implement a USB keyboard application using the STK525 starter kit and FLIP in-system programming software for AT90USB microcontrollers.

AVR273: USB Mass Storage Implementation (Application Note, 23 pages, revision A, updated 03/06)
The aim of this document is to describe how to start and implement a USB application based on the Mass Storage (Bulk only) class to transfer data between a PC and user equipment. For AT90USB microcontrollers.

AVR280 USB Host CDC Demonstration (Application Note, 14 pages, revision A, updated 09/07)
The aim of this document is to describe how to start and implement a Host CDC application using the STK525 or USBKEY starter kit, and finally introduces a simple example of dual USB-UART bridge between two PCs.

AVR328: USB Generic HID Implementation (Application Note, 13 pages, revision B, updated 02/08)
The aim of this document is to describe how to start and implement a USB application, based on the HID class, to transfer data between a PC and user equipment, using AT90USB microcontrollers.

Related Devices:

AT90USB1286 AT90USB1287 AT90USB162 AT90USB646 AT90USB647 AT90USB82