



XMEGA AU [MANUAL] 3 8331F—AVR-04/2013 2. Overview The AVR XMEGA AU microcontrollers is a family of low-power, high-performance, and peripheral-rich CMOS 8/16-bit microcontrollers based on the AVR enhanced RISC architecture. By executing powerful instructions in a single clock cycle, the Atmel AVR XMEGA AU devices achieve throughputs approaching one million instructions per second (MIPS) ...

XMEGA AU Microcontroller XMEGA AU MANUAL. 2 8331B-AVR-03/12 Atmel AVR XMEGA AU 1. About the Manual This document contains in-depth documentation of all peripherals and modules available for the Atmel AVR XMEGA AU microcontroller family. All features are documented on a functional level and described in a general sense. All peripherals and modules described in this manual may not be present ...

Manual All MikroElektronika's development systems represent irreplaceable tools for programming and developing microcontroller-based devices. Carefully chosen components and the use of machines of the last generation for mounting and testing thereof are the best guarantee of high reliability of our devices. Due to simple design, a large number of add-on modules and ready to use examples, all ...

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Atmel AVR XMEGA A Manual—Microchip Technology

The XMEGA series is a powerful addition to the existing arsenal of Atmel's AVR-core micros. As much as I have personally studied about it so far and felt, the XMEGA series incorporates many features of conventional 32-bit ARM micros like alternate I/O pin mapping functionalities, sophisticated clock options and data buses, multiple communication platforms that have several uses, variety of ...