

Microcontrollers

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- 32-bit AVR UC3 MCUs
- [AVR XMEGA MCUs](#)
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- tinyAVR MCUs
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- Automotive AVR MCUs
- SMART ARM-based MCUs
- 8051 Architecture

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- Smart Energy**
- Memory**
- Drivers and Sensors**
- Security ICs**
- Programmable Logic**
- Analog**
- Rad Hard**
- Digital Broadcast**

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Home > Products > Microcontrollers > AVR 8- and 32-bit MCUs > AVR XMEGA MCUs

XMEGA-E5 Xplained

Overview

Devices

Documents

Applications

Related Tools



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The Atmel® AVR® XMEGA-E5 Xplained evaluation kit is a hardware platform to evaluate the Atmel ATxmega32E5 microcontroller. The kit offers a larger range of features that enables the Atmel AVR XMEGA® user to get started using XMEGA peripherals right away and understand how to integrate the XMEGA device in their own design.

Key Features

- **Atmel® AVR® ATxmega32E5 microcontroller**
- **OLED display with 128x32 pixels resolution**
- **Ambient light sensor**
- **Analog filter**
- **Digital I/O**
- **Two mechanical buttons**
- **Two user LEDs**
- **Four expansion headers**
- **Board controller with USB interface**
- **One power LED and one status LED**

Ordering Information

Ordering Code	Atmel Store Availability ¹	Unit Price ²	Buy Online
ATXMEGAE5-XPLD			Check Distributor

¹Backlog orders can be placed for items currently not available.
²Suggested retail price per unit for budgetary use only.

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Products

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Applications

- Automotive
- Building Automation
- Home Appliances
- Home Entertainment
- Industrial Automation
- Lighting
- Internet of Things (IoT)
- Smart Energy
- Mobile Electronics
- PC Peripherals

Support

- Boards and Kits
- Tools and Software
- Development Tools
- Document Library
- Training
- Support Resources
- Third-Party Tools/Support
- Design Consultants

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- Careers
- Suppliers
- Embedded Design Blog
- Quality
- Compliance

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- Technical Support
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