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By Device

- Microcontrollers (457)
- Touch Solutions (43)
- Memory (120)
- Automotive (175)
- Wireless (51)
- More Products (191)

By Application

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- Building Automation
- Home Appliances
- Home Entertainment
- Industrial Automation
- Lighting
- ▶ More

List View

Parametric Table

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SAM4L-EK

Overview

Devices

Documents

Applications

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This kit lets designers quickly evaluate and develop code for applications running on Atmel SAM4L microcontrollers. The board features an embedded debugger, dedicated circuitry to measure the power consumption of your application, LCD, USB, capacitive touch functionality and much more. It also offers expansion headers to plug in Atmel extension boards so you can easily add gyrometers, accelerometers, Wifi and Zigbee to your SAM4L-EK.

Key Features

- **ATSAM4LC4C Cortex-M4 device**
- **Board monitor with OLED color display, power measurement stage for ATSAM4LC4C power, joystick and five LEDs**
- **Segger J-Link OB Module (embedded debugger)**
- **QTouch slider and button**
- **Segment LCD (4x40)**
- **USB host and device**
- **Wireless 10-pin interface**
- **SPI serial Flash (AT25DF641A)**
- **Sensor Xplained support**
- **Light sensor**
- **Reset push button**
- **Audio jack connector**
- **User input push button**
- **RS485 connector**

Ordering code: ATSAM4L-EK

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Software Description



IAR add-on installer for SAM4L



Get Started

We'll tell you all you need to know to start evaluating and working with this product.

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