



# Atmel CryptoAuthentication

## Development and Evaluation Kit Selection Guide






### Atmel CryptoAuthentication Development Kits

The Atmel® CryptoAuthentication™ development kits are advanced kits for design and development engineering. These kits include socket adaptors for low volume configuration and personalization of the Atmel CryptoAuthentication devices. They also include a USB interface with an Atmel AVR® microcontroller base board with a JTAG header which can be used to integrate code using the STK series and ARM development

platforms. The development kits can also be used with the Atmel Crypto Evaluation Studio (ACES) to demonstrate device functionality.

The socket adaptors come in two flavors:




- Single socket – used for client only authentication
- Dual socket – used when there is a host and client IC application requirement

Atmel Related Devices	Atmel Development Kits	Products
ATSHA204 ATAES132	<b>AT88CK101STK8</b> <ul style="list-style-type: none"> <li>• Single socket kit</li> <li>• 8-lead SOIC package</li> <li>• AVR base board</li> <li>• Supports single wire, I<sup>2</sup>C, or SPI interfaces</li> </ul>	
	<b>AT88CK109STK8</b> <ul style="list-style-type: none"> <li>• Dual socket kit</li> <li>• 8-lead SOIC package</li> <li>• AVR base board</li> <li>• Supports single wire or I<sup>2</sup>C interfaces</li> </ul>	
	<b>ATAVRSECURITYX</b> <ul style="list-style-type: none"> <li>• Soldered on devices</li> <li>• Add-on board for the Atmel AVR Xplained series board</li> <li>• ASF library support</li> </ul>	



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Atmel Related Devices	Atmel Development Kits	Products
<p>ATSHA204 ←</p> 	<p><b>AT88CK101STK3</b></p> <ul style="list-style-type: none"> <li>• Single socket kit</li> <li>• 3-lead SOT23 package</li> <li>• AVR base board</li> <li>• Supports single wire interface</li> </ul>	
	<p><b>AT88CK109STK3</b></p> <ul style="list-style-type: none"> <li>• Dual socket kit</li> <li>• 3-lead SOT23 package</li> <li>• AVR base board</li> <li>• Supports single wire interface</li> </ul>	

### Atmel CryptoAuthentication Evaluation Kits

The Atmel CryptoAuthentication evaluation kits are compact, USB interface kits. They are ideal for quickly familiarizing and experimenting with the Atmel CryptoAuthentication devices. The kits include an Atmel AVR

microcontroller that allows engineers, developers, and decision makers the ability to program and evaluate the CryptoAuthentication devices using the provided Atmel Crypto Evaluation Studio (ACES) environment.

Atmel Related Devices	Atmel Evaluation Kits	Products
<p>ATSHA204 →</p>	<p><b>AT88CK454BLACK</b></p>	
<p>ATAES132 →</p>	<p><b>AT88CK427GREEN</b></p>	

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### Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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