



# 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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Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



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