



# Atmel CryptoAuthentication

## Development and Evaluation Kit Selection Guide



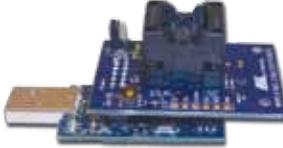
### Atmel CryptoAuthentication Development Kits

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
ATSHA204	<b>AT88CK101STK3</b> <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> <b>AT88CK109STK3</b> <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 Crypto-Authentication devices. The kits include an Atmel AVR

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

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

#### Atmel Corporation

2325 Orchard Parkway  
San Jose, CA 95131  
USA  
**Tel:** (+1)(408) 441-0311  
**Fax:** (+1)(408) 487-2600  
[www.atmel.com](http://www.atmel.com)

#### Atmel Asia Limited

Unit 01-5 & 16, 19F  
BEA Tower, Millennium City 5  
418 Kwun Tong Road  
Kwun Tong, Kowloon  
HONG KONG  
**Tel:** (+852) 2245-6100  
**Fax:** (+852) 2722-1369

#### Atmel Munich GmbH

Business Campus  
Parkring 4  
D-85748 Garching b. Munich  
GERMANY  
**Tel:** (+49) 89-31970-0  
**Fax:** (+49) 89-3194621

#### Atmel Japan G. K.

16F Shin-Osaki Kangyo Bldg.  
1-6-4 Osaki, Shinagawa-ku  
Tokyo 141-0032  
JAPAN  
**Tel:** (+81)(3) 6417-0030  
**Fax:** (+81)(3) 6417-0370

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- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: [org@eplast1.ru](mailto:org@eplast1.ru)

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.