



Troubleshooting

1. Check for proper orientation of CryptoMemory and CryptoCompanion chips in their respective sockets.
2. Make sure to connect Aris+ board to a high-powered USB port.



Ordering Code

- AT88SC-ADK2

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ARIS+ microcontroller onboard WELCOME AND QUICK START GUIDE

Dear Valued Customer,

Thank you for choosing Aris+, a complete kit, with demonstration and evaluation capabilities, for development of your applications using CryptoMemory® and CryptoCompanion™ chips. Designed with developers in mind, Aris+ offers ample development resources to include a large-memory AT90USB AVR microcontroller, rich debug capabilities with JTAG-ICE and ISP programming ports, high-level API development library, and convenient connectivity through USB. Aris+ features 4 LEDs for debug feedback, pushbuttons for AVR reset, CryptoCompanion reset, and a Hardware Boot function for programming the AVR. The kit includes the *Crypto Evaluation Studio* which provides a product demonstration.

CryptoMemory offers easy to deploy powerful security for product authentication and confidential data storage. CryptoCompanion securely manages host resources by implementing accompanying host algorithms in hardware and storing host keys.

We wish you a fulfilling experience working with Aris+.

Your Atmel Embedded Crypto Solutions Team





Package Contents

1. Aris+ Demo board
2. Embedded Crypto Solutions CD
3. Sample tube CryptoMemory (Black stopper)
4. Sample tube CryptoCompanion (Green stopper)
5. USB cable



Systems Requirements

- Windows XP
- 400 MB available disk space
- Available USB Port



Software Installation

1. Insert Embedded Crypto Solutions CD into a PC.
2. Select the "Detailed Information" option.
3. Click "Install Now" to install *Crypto Evaluation Studio* and other resources.
This will place program icons on the desktop as well as the START menu.



Hardware Setup

STEP 1:

Insert a CryptoMemory chip into the socket labeled CryptoMemory.



Align PIN 1 of SOIC package to lower left corner of socket.

STEP 2:

(Optional) Insert a CryptoCompanion chip into the socket labeled CMC.



Align PIN 1 of SOIC package to lower left corner of socket.

STEP 1



Front

STEP 2



Back



Getting Started

1. Connect Aris+ to your PC using the provided USB cable
2. Launch *Crypto Evaluation Studio* from:
"Start menu > All Programs > Atmel > ECS Resource Center"
3. Learn how to use the *Crypto Evaluation Studio* from help



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- Подбор оптимального решения, техническое обоснование при выборе компонента;
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- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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