



➤ Development Support AT90SC AND AT91SC FAMILIES

The Atmel smart card development kit is a user-friendly hardware and software package that allows easy development, simulation and code emulation of AT90SC and AT91SC family products. The evaluation kit includes a complete set of tools for tuning and speeding-up your application development.

Key Hardware Tools

- Voyager™ Emulation Platform ATV™4
Including Contactless Features
- Eagle 3-in-1 Board: Reader/Spy/Simulator
- USB Development Board

Key Software Tools

- IAR Systems Embedded Workbench®
Development Environment (Compiler,
Assembler, Linker and Debugger)
- ARM Developer Suite™
- Smart Access Command Script Editor
- Embedded Libraries:
 - Easy Start Hardware Abstract Libraries (HAL)
 - Advanced First Software Layer (FSL)
 - Crypto Toolbox

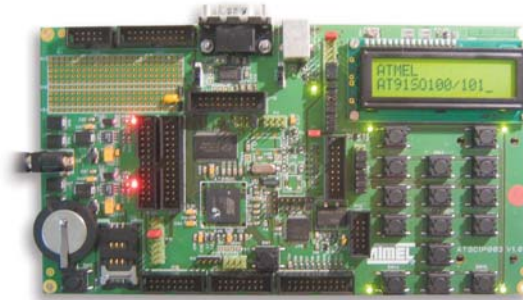




The AT90SC and AT91SC series development support consists of a complete range of software and hardware tools. Any smart card application development or porting becomes fast and easy. All the features that make Atmel's secure microcontrollers perfectly versatile and powerful are automatically and efficiently managed.

Voyager Emulation Platform

- Single Common Platform for Contact/Contactless
- Fast and Easy Secure On-line Upgrade Features
- IAR® and ARM® Debugger Compatible
- Real-time Non-intrusive In-circuit Emulation
- Trace and Complex Breakpoints
- Bus State Analyser Memory
- USB and RS232 Serial Link Support



Smart Access

- Software Environment to Execute Smart Card ISO7816 Command Script Through Any Reader
- PC/SC or Transparent Readers Supported
- Meta-instructions Interpreter to Write Complex Validation Scripts
- Ergonomic Environment with Real-time Trace Window
- External Software Modules for More Flexibility



Developer Support

Companion CD

- Complete Set of HAL
- Smart Access
- Utility Softwares
- IAR 30 days Evaluation Toolchain

Support Team

- Dedicated Local FAEs and Applications Group

More information on:

<http://www.atmel.com/products/SecureAVR>
<http://www.atmel.com/products/SecureARM>

Atmel Corporation

2325 Orchard Parkway
 San Jose, CA 95131 USA
 Tel.: (408) 441-0311
 Fax: (408) 487-2600

Regional Headquarters Europe

Atmel Sarl
 Route des Arsenaux 41
 Case postale 80
 CH-1705 Fribourg
 Switzerland
 Tel.: (41) 26-426-5555
 Fax: (41) 26-426-5500

Asia

Room 1219
 Chinachem Golden Plaza
 77 Mody Road Tsimshatsui
 East Kowloon
 Hong Kong
 Tel.: (852) 2721-9778
 Fax: (852) 2722-1369

Japan

9F, Tonetsu Shinkawa Bldg
 1-24-8 shinkawa
 Chuo-ku, Tokyo 104-0033
 Japan
 Tel.: (81) 3-3523-3551
 Fax: (81) 3-3523-7581

Product Contact:

Smart Cards
 Zone Industrielle
 13106 Rousset Cedex
 France
 Tel.: (33) 4-42-53-60-00
 Fax: (33) 4-42-53-72-77

Literature request

www.atmel.com/literature

Web Site

www.atmel.com

© 2006 Atmel Corporation.
 All rights reserved.

Atmel®, logo and combinations thereof, Everywhere You Are®, AVR® and others are registered trademarks, secureAVR™, Voyager™ and others are trademarks of Atmel Corporation or its subsidiaries. ARM® and others are trademarks or registered trademarks of ARM Ltd. Other terms and product names may be trademarks of others.

1599C-SCIC-10/06 2K



Disclaimer: The information in this document is provided in connection with Atmel products. No license, express or implied, by estoppel or otherwise, to any intellectual property right is granted by this document or in connection with the sale of Atmel products. EXCEPT AS SET FORTH IN ATMEL'S TERMS AND CONDITIONS OF SALES LOCATED ON ATMEL'S WEB SITE, ATMEL ASSUMES NO LIABILITY WHATSOEVER AND DISCLAIMS ANY EXPRESS, IMPLIED OR STATUTORY WARRANTY RELATING TO ITS PRODUCTS INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT. IN NO EVENT SHALL ATMEL BE LIABLE FOR ANY DIRECT, INDIRECT, CONSEQUENTIAL, PUNITIVE, SPECIAL OR INCIDENTAL DAMAGES INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF PROFITS, BUSINESS INTERRUPTION, OR LOSS OF INFORMATION ARISING OUT OF THE USE OR INABILITY TO USE THIS DOCUMENT, EVEN IF ATMEL HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. Atmel makes no representations or warranties with respect to the accuracy or completeness of the contents of this document and reserves the right to make changes to specifications and products descriptions at any time without notice. Atmel does not make any commitment to update the information contained herein. Unless specifically provided otherwise, Atmel products are not suitable for, and shall not be used in, automotive applications. Atmel's products are not intended, authorized, or warranted for use as components in applications intended to support or sustain life.