



PREMIER MINISTRE

Secrétariat général de la défense nationale

Direction centrale de la sécurité des systèmes d'information

## **Maintenance Report M-2007/01**

### **ATMEL Secure Microcontroller AT90SC6408RFT rev. F**

Reference certificate: 2007/01

# **Courtesy Translation**

*Paris, 8<sup>th</sup> of February 2007*

*Le Directeur central de la sécurité des  
systèmes d'information*

*Patrick Pailloux*



## References

- a) Assurance continuity procedure MAI/P/01
- b) Twister Security Target, reference: Twister\_ST\_V1.3\_12Dec06,
- c) AT90SC6408RFT Security Target Lite, reference: TPG0141A\_15Dec06,
- d) Certification Report 2007/01 - ATMEL Secure Microcontroller AT90SC6408RFT rev. E, 15 January 2007,
- e) Twister Security Impact Analysis, reference: Twister\_SIA\_V1.6\_05Jan07.

## Identification of the maintained product

The maintained product is the secure microcontroller AT90SC6408RFT, reference AT58848 revision F developed by Atmel SmartCard Ics, and certified in revision E under the reference 2007/01.

## Description of changes

- Correction of a functional problem in « test » mode with contactless configuration,
- Optimisation of the contactless interface configuration to improve its communication performance,
- Modification of an electrical connexion to improve the ESD performance.

## Impacted deliverables

Only one document related to the product identification has changed:

|        |  |
|--------|--|
| [CONF] | Twister Manufacturing Configuration List, reference:<br>Twister_MCL_V1.2_23Jan07 |
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## Conclusions

The above listed changes are considered as having a **minor** impact.

The assurance level of this new product revision is thus identical to the certified revision.

## Warning

The resistance level of a certified product is declining as time goes by. The vulnerability analysis of this product revision versus the new attacks that would have appeared since the certificate release has not been conducted in the frame of this current maintenance. Only a re-evaluation or a “surveillance” of the new product revision would allow maintaining the assurance level in a timely and efficient manner.