



PREMIER MINISTRE

Secrétariat général de la défense nationale

Direction centrale de la sécurité des systèmes d'information

Maintenance Report M-2007/06

ATMEL Secure Microcontroller AT90SC6404RT rev. D

Reference certificate: 2007/03

Courtesy Translation

Paris, 25 April 2007

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

Patrick Pailloux



References

- a) Assurance continuity procedure MAI/P/01
- b) Pollux Security target, reference: Pollux_ST_V2.5_13Nov06,
- c) AT90SC6404RT Security Target Lite – EAL5+, reference: TPG0130B_10Jan07
- d) Certification Report 2007/03 - ATMEL Secure Microcontroller AT90SC6404RT rev. D, 9 February 2007,
- e) Pollux Security Impact Analysis, reference: Pollux_SIA_V2.2_06Mar07.

Identification of the maintained product

The maintained product is the secure microcontroller AT90SC6404RT, reference AT58884 revision D developed by Atmel Secure Products Division.

Description of changes

Some light modifications were performed on the layout (unused fuses disconnection, improvement of the electrostatic discharge immunity) in order to improve the production yield.

Impacted deliverables

Only two documents related to the product identification have changed:

[CONF]	Pollux Manufacturing Configuration List, reference: Pollux_MCL_V3.3_05Mar07 Common Criteria Product Life Cycle, référence : CommonCriteria_PLC_04Apr07
--------	---

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.