



PREMIER MINISTRE

Secrétariat général de la défense nationale

Direction centrale de la sécurité des systèmes d'information

## **Maintenance Report M-2007/05**

### **ATMEL Secure Microcontroller AT90SC12836RCT rev. L**

Reference certificate: 2006/19

# **Courtesy Translation**

*Paris, 14 May 2007*

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

*Patrick Pailloux*



## References

- a) Assurance continuity procedure MAI/P/01
- b) Plato Security Target, reference: Plato\_ST\_V2.1\_03Aug06ATMEL,
- c) AT90SC12836RCT Security Target Lite, reference: TPG0084F\_20Sep06
- d) Certification Report 2006/19 - ATMEL Secure Microcontroller AT90SC12836RCT rev. K, 27 November 2006,
- e) Plato Security Impact Analysis, reference: Plato\_SIA\_V1.5\_06Feb07.

## Identification of the maintained product

The maintained product is the secure microcontroller AT90SC12836RCT, reference AT58819 revision L developed by Atmel Secure Products Division. The microcontroller includes the cryptographic software library Toolbox 3.x revision: 00.03.01.04.

## Description of changes

The temperature sensor trip points were slightly adapted in order to improve the production yield.

## Impacted deliverables

Only one document related to the product identification has changed:

[CONF]	Plato Manufacturing Configuration List, reference: Plato_MCL_V1.5
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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.