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Courtesy Translation

***Certification Report
ANSSI-CC-SITE-2021/05***

ASE Chung Li



AVERTISSEMENT

This report is designed to provide sponsors with a document enabling them to assess the security level offered by the site under the restrictions of use defined in this report. Results from this site evaluation may be reused by product developers that use this site within their product life cycle. In any case this report has to be used alongside the site security target.

Certification does not, however, constitute a recommendation product from ANSSI (French Network and Information Security Agency)

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Certification Report Reference	ANSSI-CC-SITE-2021/05
Site Name	ASE Chung Li
Site Address	550, Chung-Hwa Road Section 1, Chung-Li District, Taoyuan City, Taiwan, R.O.C
Evaluation criteria and version	Common Criteria version 3.1 revision 5
Evaluation level	ALC_CMC.5 ALC_CMS.5 ALC_DVS.2 ALC_LCD.1 ALC_DEL.1
Sponsor	ADVANCED SEMICONDUCTOR ENGINEERING INC, CHUNG-LI BRANCH <i>550, Chung-Hwa Road Section 1, Chung-Li District, Taoyuan City, Taiwan, R.O.C</i>
ITSEF	SERMA SAFETY & SECURITY <i>14 rue Galilée, CS 10071, 33608 Pessac Cedex, France</i>

INTRODUCTION

The Certification

Security certification for information technology products and systems is governed by decree number 2002-535 dated April, 18th 2002, modified. This decree stipulates that:

- The French Network and Information Security Agency draws up certification reports. These reports indicate the features of the proposed security targets. They may include any warnings that the authors feel the need to mention for security reasons. They may or may not be transmitted to third parties or made public, as the sponsors desire (article 7).*
- The certificates issued by the Prime Minister certify that the copies of the products or systems submitted for evaluation fulfil the specified security features. They also certify that the evaluations have been carried out in compliance with applicable rules and standards, with the required degrees of skill and impartiality (article 8).*

Site certification constitutes a subset of the work required for a product certification.

The procedures are available on the Internet site www.ssi.gouv.fr.

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1 The project

1.1 Site Identification

The configuration list [CONF] identifies the site's constituent elements.

The evaluated site is the following:

ASE Chung Li

(Advanced Semiconductor Engineering Inc. Chung-Li)

550, Chung-Hwa Road Section 1, Chung-Li District, Taoyuan City, Taiwan, R.O.C

1.2 Life Cycle

The site identified in section 1.1 is a micro-circuits manufacturer.

The following activities are in the scope of the evaluation:

- Reception of secure wafers and others raw material;
- Storage of wafers ;
- Modules manufacturing ;
- Modules test ;
- Modules delivery to customer.

1.3 Evaluation scope

In accordance with the site security target [SST] the certificate applies to the site identified in section 1.1 and covers activities indicated in section 1.2.

2 The evaluation

2.1 Evaluation referential

*The evaluation has been performed in compliance with **Common Criteria version 3.1 revision 5 [CC]**, with the **Common Evaluation Methodology [CEM]**, with [SITE_CER] and in conformance with [MSSR].*

Evaluation work has been carried out in conformance with [NOTE 02].

2.2 Evaluation work

*The evaluation technical report [ETR], delivered to ANSSI on February 17th, 2021, provides details on the work performed by the evaluation facility and assesses that all evaluation tasks are “**pass**”.*

3 Certification

3.1 Conclusion

The evaluation was carried out according to the current rules and standards, with the required competency and impartiality of a licensed evaluation facility. All the work performed permits the release of a certificate in conformance with the decree 2002-535.

This certificate testifies that the site « ASE Chung Li » submitted for evaluation fulfils the security features specified in its site security target [SST] for the generic work units¹ of the following assurance components: ALC_CMC.5, ALC_CMS.5, ALC_DVS.2, ALC_LCD.1 and ALC_DEL.1.

All [MSSR] requirements are satisfied.

This site for all assurance components mentioned above is therefore adapted for product certification aiming to a level corresponding to EAL6. This level is typically required for products from the products of the domain « Smartcards and similar devices » that may be recognized under the [SO-GIS]² and [CC RA]³ recognition agreements.

3.2 Restrictions

This certificate applies on the site specified in section 1.1 of this certification report.

The users of the site shall analyze the consistency of this certificate with product development requirements and particularly the respect the assumptions, as specified in the site security target [SST].

¹ Generic work units are tasks that can be done independently of a specific product as identified in [AIS38].

² Recognition upto EAL7 level.

³ Recognition upto EAL2 level.

ANNEXE A. Evaluation Level

The table below lists all required work unit for a site evaluation by EAL level in conformance with [SITE_CER].

Class	Family	Components							Retain Assurance Level	
		EAL 1	EAL 2	EAL 3	EAL 4	EAL 5	EAL 6	EAL 7	EAL 6	Intitulé du composant
ALC Life cycle support	ALC_CMC	1	2	3	4	4	5	5	5	Advanced support
	ALC_CMS	1	2	3	4	5	5	5	5	Development tools CM coverage
	ALC_DEL		1	1	1	1	1	1	1	Delivery procedures
	ALC_DVS			1	1	1	2	2	2	Sufficiency of security measures
	ALC_FLR									
	ALC_LCD			1	1	1	1	2	1	Developer defined life-cycle model
	ALC_TAT				1	2	3	3		
AST Site Security Target Evaluation .	AST_INT			1	1	1	1	1	1	SST introduction
	AST_CCL			1	1	1	1	1	1	Conformance claims
	AST_SPD			1	1	1	1	1	1	Security problem definition
	AST_OBJ			1	1	1	1	1	1	Security objectives
	AST_ECD			1	1	1	1	1	1	Extended components definition
	AST_REQ			1	1	1	1	1	1	Security assurance requirements
	AST_SSS			1	1	1	1	1	1	Site summary specification

ANNEXE B. Evaluated Site references

<p>[SST]</p>	<p>Reference security target for the evaluation:</p> <ul style="list-style-type: none">- Site Security Target for ASE ChungLi, référence : 92-31-0000-0257-01, version 2.5, 07/12/2020. <p>For the needs of publication, the following site security target has been provided and validated in the evaluation:</p> <ul style="list-style-type: none">- Site Security Target Lite for ASE ChungLi, référence : 92-31-0000-0257-05, version 1.5, 07/12/2020.
<p>[RTE]</p>	<p>Evaluation technical report:</p> <ul style="list-style-type: none">- Evaluation Technical Report Site_ATHENA-3 Site Certification project, référence : Site_ATHENA-3_ETR_v1.0, version 1.0, 17/02/2021, SERMA SAFETY & SECURITY. <p>Evaluation report for reuse:</p> <ul style="list-style-type: none">- Site Technical Audit Report ASE Chung-Li, reference : Site_ATHENA-3_STAR_v1.0, version 1.0, 17/02/2021, SERMA SAFETY & SECURITY.
<p>[CONF]</p>	<p>Site Configuration List :</p> <ul style="list-style-type: none">- ALC_CMS by ASE ChungLi, reference: 92-31-0000-0257-03, version: 1.9, 13/11/2020.

ANNEXE C. Certification references

<i>Decree number 2002-535, 18th April 2002, modified related to the security evaluations and certifications for information technology products and systems.</i>	
<i>[SITE/P/01]</i>	<i>Procedure ANSSI-CC-SITE-P-01 – Site certification, ANSSI.</i>
<i>[CC]</i>	<i>Common Criteria for Information Technology Security Evaluation:</i> <ul style="list-style-type: none"><i>- Part 1: Introduction and general model, April 2017, version 3.1, revision 5, reference CCMB-2017-04-001;</i><i>- Part 2: Security functional components, April 2017, version 3.1, revision 5, reference CCMB-2017-04-002;</i><i>- Part 3: Security assurance components, April 2017, version 3.1, revision 5, reference CCMB-2017-04-003.</i>
<i>[CEM]</i>	<i>Common Methodology for Information Technology Security Evaluation : Evaluation Methodology, April 2017, version 3.1, revision 5, reference CCMB-2017-04-004.</i>
<i>[CCRA]</i>	<i>Arrangement on the Recognition of Common Criteria Certificates in the field of Information Technology Security, 2 July 2014.</i>
<i>[SOG-IS]</i>	<i>Mutual Recognition Agreement of Information Technology Security Evaluation Certificates, version 3.0, 8 January 2010, Management Committee.</i>
<i>[MSSR]</i>	<i>Joint Interpretation Library – « Minimum Site Security Requirements », version 2.1, December 2017.</i>
<i>[SITE_CER]</i>	<i>« Site Certification », version 1.0, revision 1, October 2007, reference CCDB-2007-11-001, BSI (Bundesamt für Sicherheit in der Informationstechnik).</i>
<i>[NOTE02]</i>	<i>Application Note– Visite de l’environnement de développement, Note 02, version 5, 12 avril 2016, ANSSI.</i>
<i>[AIS 38]</i>	<i>Application Notes and Interpretation of the Scheme (AIS) – Reuse of evaluation results, AIS38, version 2, 28 septembre 2007, BSI (Bundesamt für Sicherheit in der Informationstechnik).</i>