



Assurance Continuity Maintenance Report

BSI-DSZ-CC-1110-V5-2022-MA-01

**Infineon Security Controller IFX_CCI_000003h,
000005h, 000008h, 00000Ch, 000013h, 000014h,
000015h, 00001Ch, 00001Dh, 000021h, 000022h in
the design step H13 and including optional software
libraries and dedicated firmware in several versions**

from

Infineon Technologies AG



SOGIS
Recognition Agreement

The IT product identified in this report was assessed according to the *Assurance Continuity: CCRA Requirements*, version 2.1, June 2012 and the developer's Impact Analysis Report (IAR). The baseline for this assessment was the Certification Report, the Security Target and the Evaluation Technical Report of the product certified by the Federal Office for Information Security (BSI) under BSI-DSZ-CC-1110-V5-2022.

The certified product itself did not change. The changes are related to an update of life cycle security aspects.

Considering the nature of the change leads to the conclusion that it is classified as a minor change and that certificate maintenance is the correct path to continuity of assurance.

The resistance to attacks has not been re-assessed in the course of this maintenance process. Therefore, the assurance statement as outlined in the Certification Report BSI-DSZ-CC-1110-V5-2022 dated 29.04.2022 is of relevance and has to be considered when using the product. Details can be found on the following pages.

This report is an addendum to the Certification Report BSI-DSZ-CC-1110-V5-2022.



Common Criteria
Recognition Arrangement
recognition for components
up to EAL 2 and ALC_FLR
only

Bonn, 9 September 2022

The Federal Office for Information Security



Assessment

The IT product identified in this report was assessed according to the *Assurance Continuity: CCRA Requirements* [1] and the Impact Analysis Report (IAR) [2]. The baseline for this assessment was the Certification Report of the certified product (Target of Evaluation, TOE) [3], its Security Target and the Evaluation Technical Report as outlined in [3].

The vendor for the Infineon Security Controller IFX_CCI_000003h, 000005h, 000008h, 00000Ch, 000013h, 000014h, 000015h, 00001Ch, 00001Dh, 000021h, 000022h in the design step H13 and including optional software libraries and dedicated firmware in several versions, Infineon Technologies AG, submitted an IAR [2] to the BSI for approval. The IAR is intended to satisfy the requirements outlined in the document *Assurance Continuity: CCRA Requirements* [1]. In accordance with those requirements, the IAR describes (i) the changes made to the certified TOE, (ii) the evidence updated as a result of the changes and (iii) the security impact of the changes.

The certified product itself did not change.

The changes are related to an update of life cycle security aspects. The ALC re-evaluation was performed by the ITSEF TÜV Informationstechnik GmbH. The procedure led to an updated version of the Evaluation Technical Report (ETR) [9] as well as an editorial update to the ETR for Composition [8]. The Common Criteria assurance requirements for ALC are fulfilled as claimed in the unchanged Security Target of the predecessor procedure BSI-DSZ-CC-1110-V5-2022.

For the following sites, new product audits (and hence audit reports) are included in this procedure:

- ATEP Porto (physical audit),
- ATP Manila (virtual audit),
- DHL Singapore (physical audit),
- IFX Morgan Hill (physical audit),
- IFX Milpitas (physical audit),
- IFX Singapore (physical audit),
- IFX Wuxi (virtual audit), and
- TSMC Hsinchu Fab 12a (physical audit).

The following site certificates are updated:

- ASE Kaohsiung (old: BSI-DSZ-CC-S-0145-2019, new: BSI-DSZ-CC-S-0196-2022).

Compared to BSI-DSZ-CC-1110-V5-2022, the following sites are added:

- IFX Milpitas (re-introduced),
- IFX Morgan Hill (re-introduced).

Compared to BSI-DSZ-CC-1110-V5-2022, the following sites are removed:

- Exceet Austria,
- Paragon ID.

The respective STAR reports for ALC-Reuse have been updated accordingly, see [10] - [17].

Additional Note: The strength of the cryptographic algorithms was not rated in the course of the product certification and this maintenance procedure (see BSIG¹ Section 9, Para. 4, Clause 2).

The foundation for usage of the certificate updated by this maintenance procedure are the ETR-Summary and ETR for Composition referenced in the Certification Report [3].

This report is an addendum to the Certification Report [3].

1 Act on the Federal Office for Information Security (BSI-Gesetz - BSIG) of 14 August 2009, Bundesgesetzblatt I p. 2821

References

- [1] Common Criteria document “Assurance Continuity: CCRA Requirements”, version 2.1, June 2012
- [2] “Impact Analysis for Common Criteria with Evaluation Assurance Level EAL6 augmented (EAL6+)”, v2.5, 2202-05-16, Infineon technologies AG (confidential document)
- [3] Certification Report BSI-DSZ-CC-1110-V5-2022 for Infineon Security Controller IFX_CCI_000003h, 000005h, 000008h, 00000Ch, 000013h, 000014h, 000015h, 00001Ch, 00001Dh, 000021h, 000022h in the design step H13 and including optional software libraries and dedicated firmware in several versions, 2022-04-29, Bundesamt für Sicherheit in der Informationstechnik.
- [4] Public Security Target BSI-DSZ-CC-1110-V5-2022, Version 2.0, 2022-03-28, “Public Security Target IFX_CCI_000003h, IFX_CCI_000005h, IFX_CCI_000008h, IFX_CCI_00000Ch, IFX_CCI_000013h, IFX_CCI_000014h, IFX_CCI_000015h, IFX_CCI_00001Ch, IFX_CCI_00001Dh, IFX_CCI_000021h, IFX_CCI_000022h design step H13”, Infineon Technologies AG (sanitised public document)
- [8] ETR for composite evaluation addendum according to AIS 36 for the Product BSI-DSZ-CC-1110-V5-MA01-2022, Version 1, 2022-08-15, ETR for composite evaluation addendum, TÜV Informationstechnik GmbH (confidential document)
- [9] Evaluation Technical Report for the Product BSI-DSZ-CC-1110-V5-MA-01-2022, Version 1, 2022-08-15, “Evaluation Technical Report - Summary”, TÜV Informationstechnik GmbH (confidential document)
- [10] Site Technical Audit Report (STAR) Amkor Technology, Porto, Portugal, version 4, 2202-07-08, TÜV Informationstechnik GmbH (confidential document)
- [11] Site Technical Audit Report (STAR) Amkor Technology, Philippines, version 2, 2202-07-08, TÜV Informationstechnik GmbH (confidential document)
- [12] Site Technical Audit Report (STAR) DHL Supply Chain Singapore Pte Ltd., Advanced Regional Center, version 2, 2202-07-08, TÜV Informationstechnik GmbH (confidential document)
- [13] Site Technical Audit Report (STAR) Infineon Technologies AG, Morgan Hill, CA, USA, version 2, 2202-07-08, TÜV Informationstechnik GmbH (confidential document)
- [14] Site Technical Audit Report (STAR) Infineon Technologies AG, Milpitas, CA, USA, version 3, 2202-08-15, TÜV Informationstechnik GmbH (confidential document)
- [15] Site Technical Audit Report (STAR) Infineon Technologies Asia Pacific Pte Ltd., Singapore, version 2, 2202-07-08, TÜV Informationstechnik GmbH (confidential document)
- [16] Site Technical Audit Report (STAR) Infineon Technologies Co. Ltd, Wuxi, China, version 2, 2022-06-24, TÜV Informationstechnik GmbH (confidential document)

- [17] Site Technical Audit Report (STAR) Taiwan Semiconductor Manufacturing Company Limited, Fab12A, version 3, 2202-08-15, TÜV Informationstechnik GmbH (confidential document)