



centro criptológico nacional

# CERTIFICATE

CCN-CC-23/2025

## THD89 Secure Microcontroller version 1.0

Type of product	Tarjetas inteligentes y dispositivos similares
Conformance of functionality	PP Conformance functionality
Protection Profile Conformance	Security IC Platform Protection Profile, BSI-CC-PP-0084-2014 (version 1.0, 13.01.2014).
Evaluation Facility	Applus Laboratories
Certification Report	CCN-CC/2023-33/INF-4571
Expiration Date	See Certification Report

Pursuant to the authority vested in me under Act 11/2002 regulating the National Intelligence Centre, and under Article 1 and Article 2.2.c of Royal Decree 421/2004 of March 12th regulating the National Cryptologic Centre, I hereby:

Certify that the security of THD89 Secure Microcontroller version 1.0, requested by Tongxin Microelectronics Co., Ltd., Floor 6, West Block, Building D, Tsinghua Tongfang Hi-tech Plaza, No.1 Wangzhuang Road, Haidian District, Beijing, has been evaluated using Common Methodology for Information Technology Security Evaluation/Common Criteria for Information Technology Security Evaluation version 3.1 release 5, and it has met the requirements of its Security Target identified as "THD89 Secure Microcontroller version 1.0 Security Target, version 2.2 (Nov. 2024)", for evaluation assurance level EAL6+ (ASE\_TSS.2 and ALC\_FLR.1).

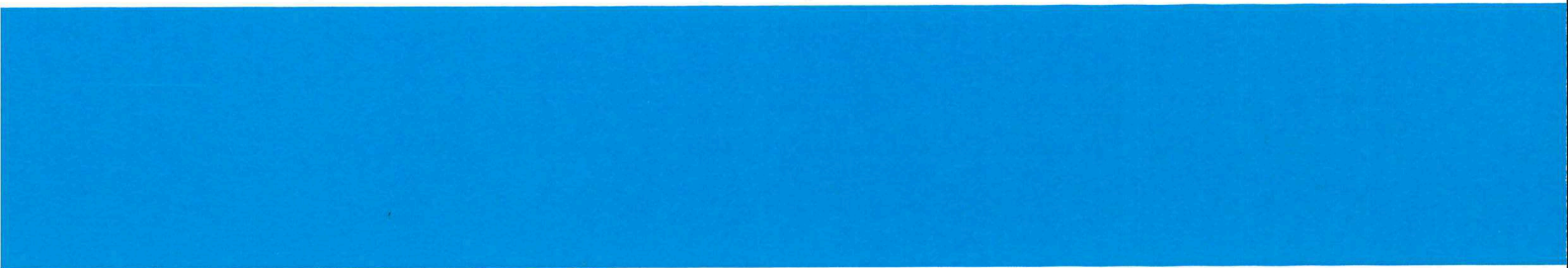
Madrid, 12 June 2025  
Secretary of State Director

Esperanza Casteleiro  
Llamazares



This certificate, its scope and validity are subject to the terms, conditions and requirements specified in the "Reglamento de Evaluación y Certificación de la Seguridad de las T.I.C." at PRE/2740/2007, September 19th.

The above-mentioned Security Target and Certification Report are available at the National Cryptologic Centre.



This certificate will come into effect the following day that the associated certificate resolution signed by the Secretary of State Director of CCN is published in the Official State Gazette (B.O.E – <https://www.boe.es>).

The IT product identified in this certificate has been evaluated at an accredited and licensed/approved evaluation facility using the Common Methodology for Information Technology Security Evaluation/Common Criteria for Information Technology Security Evaluation version 3.1 release 5 and CC Supporting Documents as listed in the Certification Report. This certificate applies only to the specific version and release of the product in its evaluated configuration and in conjunction with the complete Certification Report. The evaluation has been conducted in accordance with the provisions of the Spanish IT Security Evaluation and Certification Scheme, PRE/2740/2007 September the 19th, and the conclusions of the evaluation facility in the evaluation technical report are consistent with the evidence adduced. This certificate is not an endorsement of the IT product by the Spanish Scheme or by any other organisation that recognises or gives effect to this certificate, and no warranty of the IT product by the Spanish Scheme or by any other organisation that recognises or gives effect to this certificate, is either expressed or implied.