PayCert
48 rue Montmartre
75002 Paris
France

Paris, 05/07/2023

Mr. Bernd JESSEL
Infineon Technologies AG
Am Campeon 1-15,
85579 Neubiberg,
Germany

CEN TS 16794 Compliance Certificate - PICC

A Smart Ticketting Alliance certification program

Certificate Number:	CNAPC/PIC-00040
Product/System name:	CALYPSO™ move (commercial identification)
Compliant with :	CEN/TS 16794-1:2017
Operational temp. range :	Class I (-10°C to +50°C)
ISO 14443 antenna class :	Class 1
Protocol supported :	type B

Dear Mr.JESSEL,

The Certification Body PayCert has received a request, submitted by Infineon Technologies AG, your company, for the Certification of the PICC product CALYPSO™ move (IC type: SLM10TLD002Y, Software: V1.2, Application Type: Calypso Basic v1.1, Antenna :IN500, Card body: Paper, Protocol: Type B, Contactless card), hereafter referred to as the Product and identified above as “CALYPSO™ move”.

In connection with your request, we have received your Implementation Conformance Statement (ICS), referred to as PAY.INF.PICC.CEN16794.2017.2023-010 dated 15/06/2023 and we have assessed your Test Report(s) (ref. “IC.E.RE.2305.005” Version 1.0 analog, “IC.E.RE.2305.006” Version 1.0 digital), which was generated by ICUBE TESTING CENTER, following the Test Plan “CEN/TS 16794-2:2017”.

Based on these elements, as indicated in PayCert’s Certification Report (ref. CER/EVR/PIC/2023-012 v1.0.0) the Certification Body has found reasonable evidence that the submitted samples of the Product complies to the CEN/TS 16794-1:2017.

The Certification Body hereby grants the Product Certification of compliance with the requirements stated by the CEN/TS 16794-1:2017 standard and will include your Product in the certified products list, published on PayCert website (www.cna-paycert-certification.com).

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Please note that the present Certification is subject to the following terms and conditions as listed hereafter :

i) The present Certification is granted on the basis of the Smart Ticketing Alliance Certification Policy and therefore is valid as of today and will expire on the 05. July /2030.

ii) If the Product is changed, Infineon Technologies AG must notify the Certification Body of this fact in writing. Any change in the Product that may generate a different behaviour with respect to the CEN/TS 16794-1:2017 standard or a difference in the Product Implementation Conformance Statement will be considered a major modification subject to a new evaluation in order to maintain the present Certification.

iii) The present Certification granted to Infineon Technologies AG for the above referenced Product is non-transferable to any other vendor.

The Certification Body has the right to terminate or revoke the Certification should any of the aformentionned terms and conditions be not respected.

Ludovic VERECQUE

Signature numérique de Ludovic VERECQUE
Date : 2023.07.06 15:52:19 +02'00'

Name: Ludovic VERECQUE

Title: General Manager

Accréditation n°5-0563
Portée disponible sur
www.cofrac.fr

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a. PICC Product Description

[PICC1]Administrative data

[PICC1.1] (*)Brand name: CALYPSO™ move

[PICC1.2] (*)Trade name: CALYPSO™ move

[PICC1.3a] (*) Hardware version: SLM10TLD002Y

[PICC1.3b] (*) Software version: V1.2

[PICC1.4] (*)PICC features ISO/IEC 7816 contact interface (dual): ○ Yes ◉ No

[PICC1.5] (*)IC manufacturer: Infineon

[PICC1.6] (*)IC reference / size: SLM10TLD002Y

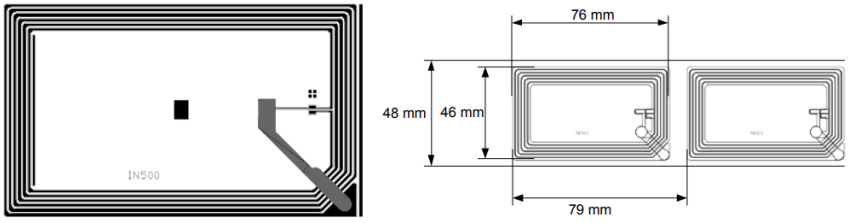
[PICC1.9] (*)Type of card body structure: paper

The PICC is based on a STA certified PICC (*): ○ Yes ◉ No

b. PICC General Technical Characteristics

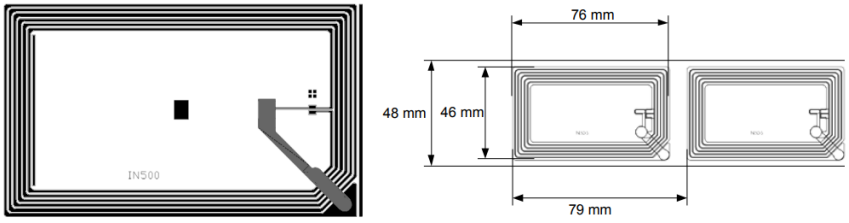
[PICC2]General technical characteristics

[PICC2.1] Antenna diagram and position on the PT object under test:



Click here to enter text.

[PICC2.2] (*)Reference of PICC Zero Point (target ID-marked on sample or photo or diagram):



Click here to enter text.

[PICC2.3] (*)Operational temperature range supported:

○ Class A (Ambient)

◉ Class I (-10 °C to + 50 °C)

[PICC2.4] (*)Antenna class according to ISO/IEC 14443:

○ Unclassified ◉ "Class 1" ○ "Class 2" ○ "Class 3"

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c. PICC Supported Options

[PICC3]Protocol characteristics

[PICC3.1] (*)Supported communication signal interface(s) and protocol(s): Type A ☐ Type B ☒
Other: Click here to enter text.

[PICC4]Type A (where applicable)

[PICC5]Type B (where applicable)

[PICC5.1] (*)PCD -> PICC bit rates supported: ◉ fc/128 (~106 kbit/s)
Other: 212 kbit/s; 424 kbit/s

[PICC5.2] (*)PICC -> PCD bit rates supported: ◉ fc/128 (~106 kbit/s)
Other: 212 kbit/s; 424 kbit/s

[PICC5.3] (*)Only symmetrical bit rates supported: ○ Yes ◉ No

[PICC5.4] (*)PUPI value: ○ Fixed number ◉ Random number

[PICC5.9] (*)Extended ATQB support: ○ Yes ◉ No
If yes, SFGI: Click here to enter text.

[PICC5.10] (*) S(PARAMETERS) support: ○ Yes ◉ No

[PICC5.11] (*) All AFIs are supported: ○ Yes ◉ No
If not, indicate all supported AFI(s): 00h & 10h

[PICC5.12] (*) REQB/WUPB with N > 1 support: ◉ Yes ○ No