

# Unlock the power of payment innovation:
## Exploring new form factors

Miriam Daschner

April 24th 2024

# Payment rings:
# Preferred contactless payment method for 89% of users



**Growing number of users acknowledge benefits of payment rings, per Mastercard study**

**89% of users prefer payment rings for CL transactions, indicating significant growth potential**

**In Germany, 73% of payment ring users are above 45 years of age**

Source: https://www.mastercard.com/news/europe/de-de/newsroom/pressemitteilungen/de-de/2024/fur-89-prozent-seiner-nutzer-innen-ist-der-bezahlring-die-bevorzugte-kontaktlose-bezahlmethode/


Copyright © Infineon Technologies AG 2024. All rights reserved.

# Every device and accessory can be used for payment

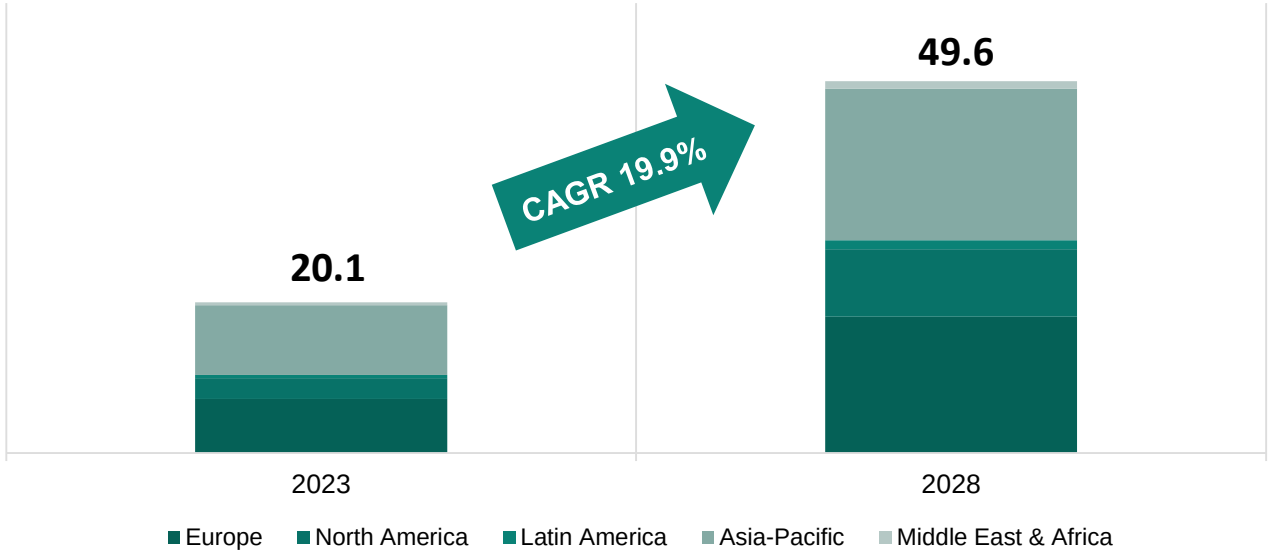


Payments can now be made using any device or accessory **securely** and **conveniently**


Copyright © Infineon Technologies AG 2024. All rights reserved.

# Global rise: Passive payment wearables market sees notable growth across regions

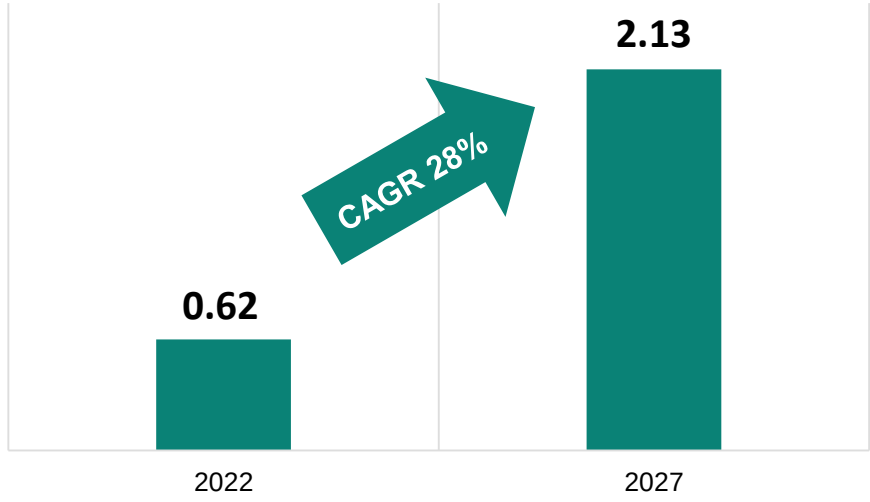
**Global Passive Payment Wearables Shipments by Type and Region**
(Shipments in Millions)

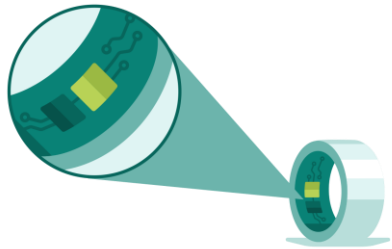





Source: ABI Research, October 2023; Passive Payment Wearables: Technologies and Trends

**Global smart ring shipments**
(in million units)



Source: TechnInsights 2023; Smart Rings: What's holding back mass adoption?, April 2023


Copyright © Infineon Technologies AG 2024. All rights reserved.

# Transforming the payment experience: How new form factors empower both consumers and banks?





Convenience

Access to new markets

Differentiation

Future-Proofing

Consumer Preferences

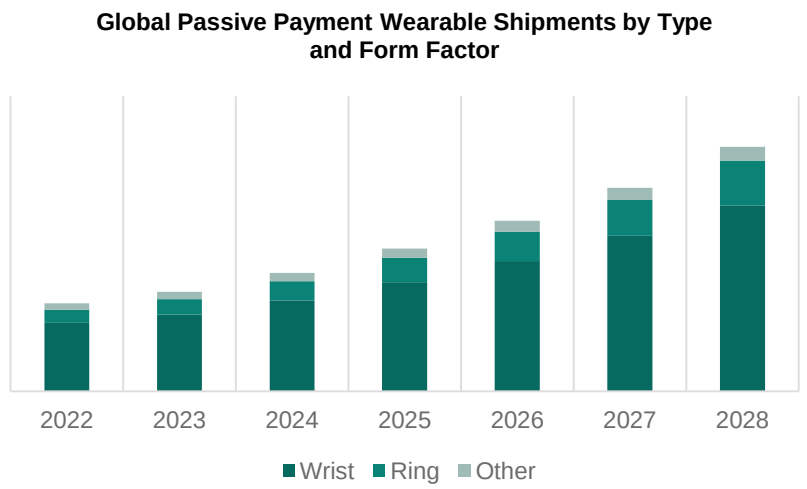
Partnerships & Collaborations

**Banks**

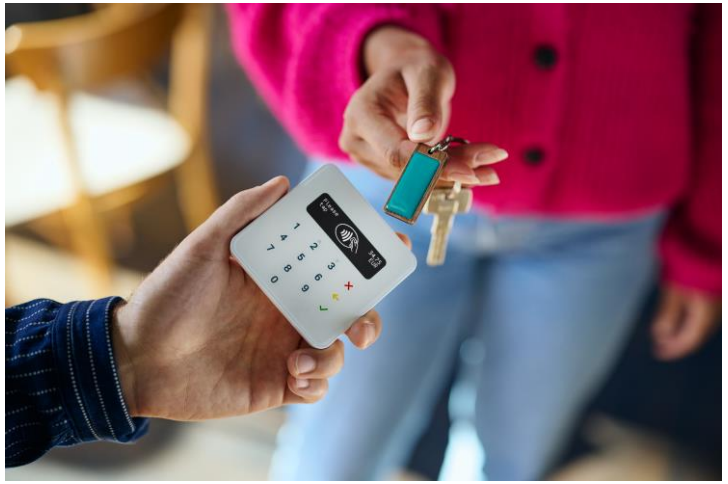
**Consumers**


Copyright © Infineon Technologies AG 2024. All rights reserved.

# Discovering the potential of new form factors
# Open loop and closed loop applications





## Rising form factors

- Wrist-worn wearables being the majority device type within the market
- Ring wearables seeing most significant growth at 24.7% (open loop) and 18.0% (closed loop) CAGRS, respectively, between 2023 and 2028

## Open Loop

- Broad spectrum of versatile and widely applicable use cases (retail purchases, dining, hospitality, transportation, entertainment)
- Providing users with a flexible and comprehensive payment solution that can seamlessly adapt to various spending needs and merchant environments

## Closed Loop

- Diverse range of customized environments (theme parks, corporate campuses, festivals, hospitality, stadiums, retail loyalty programs)
- Offering tailored and efficient payment solutions within specific ecosystems, enhancing convenience and streamlining transactions for users

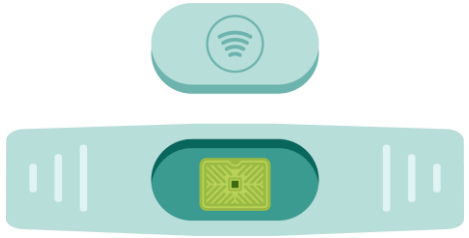
Source: ABI Research, October 2023; Passive Payment Wearables: Technologies and Trends


Copyright © Infineon Technologies AG 2024. All rights reserved.

# SECORA™ Pay W – Smart accessories

**Best-in-class contactless performance enables the integration of payment functions in a wide variety of items**





Direct integration





Shuttle card integration





Copyright © Infineon Technologies AG 2024. All rights reserved.

# SECORA™ Connect Family

## SECORA™ Connect S
Ultra-small, cost optimized and field-powered payments





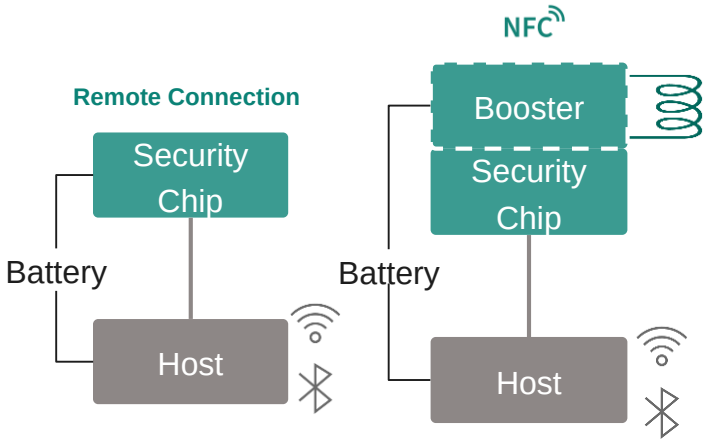




Non-connected
(no battery)

## SECORA™ Connect X
Empower wearables / IoT devices with payments & beyond



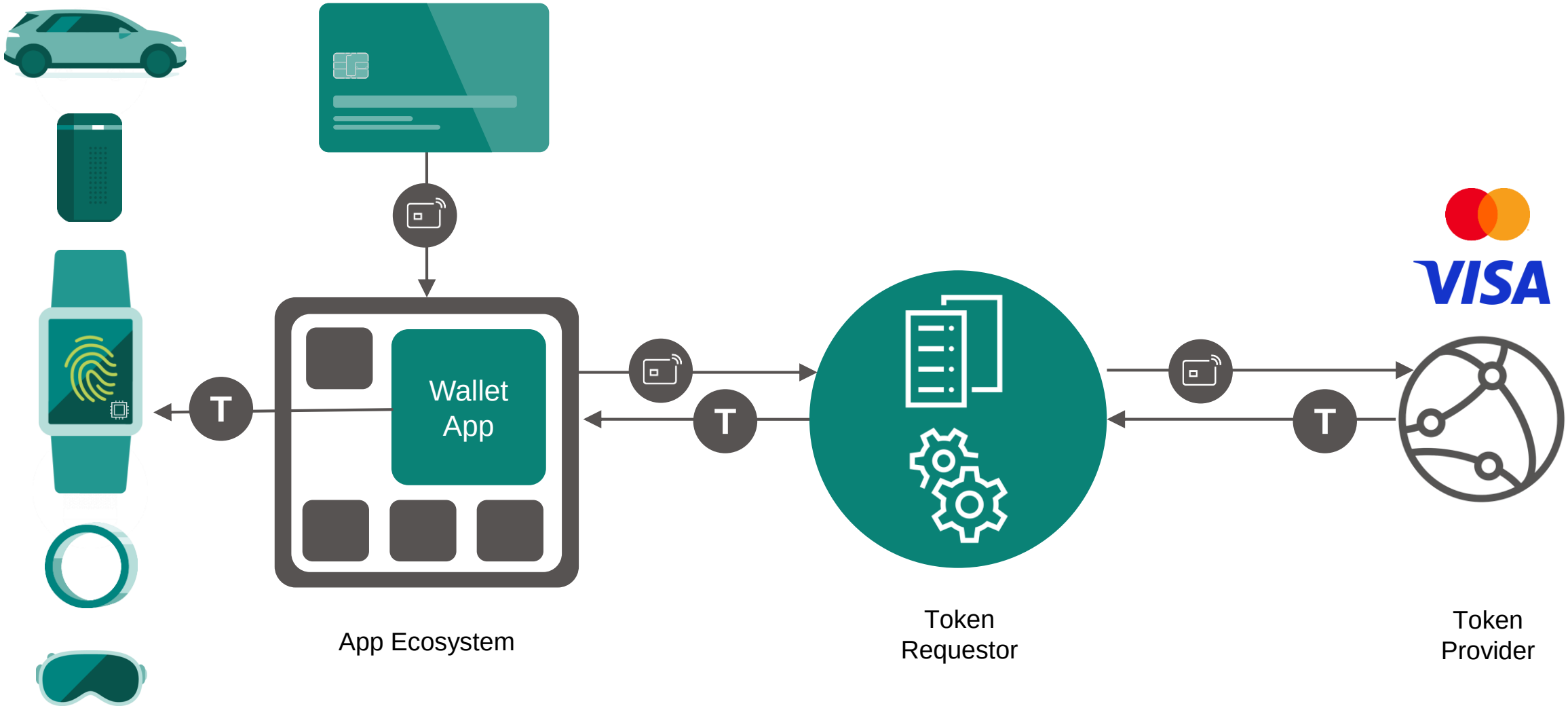






Copyright © Infineon Technologies AG 2024. All rights reserved.

# Card digitization process





Copyright © Infineon Technologies AG 2024. All rights reserved.

Let's turn the latest market trends into best-in-class solutions together

Find out more about payment wearables **here**

