SOLUTION BRIEF

SECORA™ Pay W solution in SPA2.1 and USON8-7

Turns anything into a payment device

Contactless payments have become the new norm. Contactless payment accessories such as key fobs, wristbands, and watch straps – to mention but a few – give customers a convenient, fast, and secured way to pay. All they need to look out for is a contactless symbol. The continuing expansion of contactless infrastructure and growing availability of tokenization and card digitalization services are paving the way for almost anything to be turned into a contactless payment device.

The SECORA™ Pay W solution, as part of the SECORA™ Pay family, is a flexible one-stop-shop combining innovative technology with extensive services and design-in support. It enables simple and fast integration of contactless payment functionality into battery-less, passive wearables.

SECORA™ Pay W comes in 2 different delivery forms:
SECORA™ Pay W based on SPA2.1 (Smart Payment Accessory) meets customer demands for sustainable, new materials and form factors as it can be integrated into almost every material (e.g. wood, ceramics or rPVC).

SECORA™ Pay W based on USON8-7 (ultra thin small-outline no-lead package) meets customer demands regarding cost optimization, ultra small form factors and convenient and secured payments.

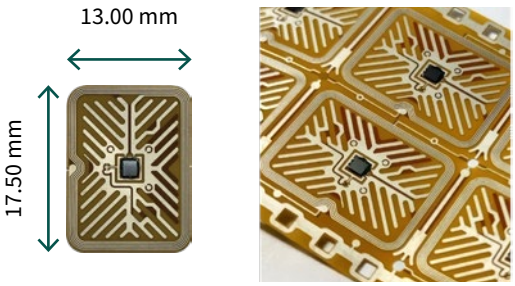
In collaboration with personalization and tokenization service providers Infineon is complementing its product offering. This allows the simplification of the product setup at end customer. Active engagement with ecosystem partners and payment schemes accelerate and simplifies the rollout of smart wearables featuring SECORA™ Pay W to users.

Key features

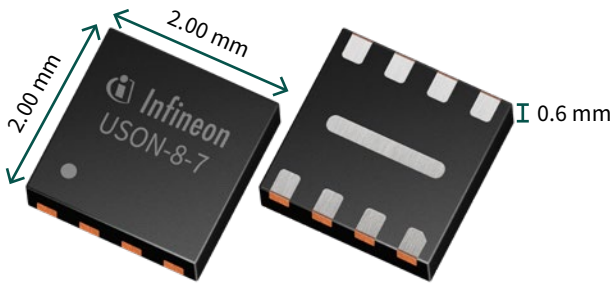
SECORA™ Pay W is a **turnkey payment solution** based on innovative packaging technologies and is ready for implementation into innovative form factors (rings, key fobs, wristbands, bracelets, etc.)

Product highlights:
- Smallest **pre-certified Visa and Mastercard** payment solution
- Optimized for **battery-less, passive** devices
- **Ultra-slim footprint** offering flexibility for design and target device
- Best-in-class **contactless performance**

SECORA™ Pay W SPA2.1



SECORA™ Pay W USON8-7





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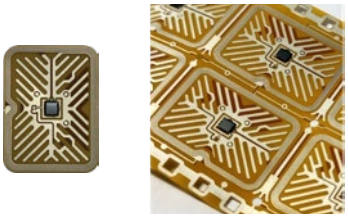
SOLUTION BRIEF

SECORA™ Pay W solutions
Turns anything into a payment device

	SECORA™ Pay W SPA1.2	SECORA™ Pay W USON8-7
		
Key benefits	Ultra-small, cost-optimized, and field-powered NFC payments	
Product description	Single instance payment device / single token Field-powered NFC for battery-less operations	
Operating System	Java Card™ 3.0.5, Global Platform 2.3.1	
Supported Interfaces	Contactless communication interface for NFC functionality: ISO/IEC 14443 Type A	Host to SE communication interfaces: GP T=1 over I2C (on PG-USON-8-7 only) Contactless communication interface for NFC functionality: ISO/ICEC 14443 Type A
Cryptography	RSA, 3DES, SHA, AES	
Input Capacity	78pF	56pF
Typical applications	– Payment wristbands, key fobs, bracelets etc. – NFC payment rings – Ultra-small payment objects	

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