



Joint press release from NFCRing Inc. and Infineon Technologies AG

Press Release

World's first NFC payment ring powered by a contactless security chip from Infineon Graz

Villach, Austria and Los Angeles, USA – August 26, 2016 – Whether at the beach, on the daily jog, or at the gym: from now on, everyone can carry money discreetly on the body. NFCRing Inc. has introduced the world's first EMVCo compliant payment ring based on a contactless security chip from Infineon Technologies AG (FSE: IFX / OTCQX: IFNNY). The tiny, water-proof smart wearable works like a contactless payment card. Users can pay by simply holding their finger with the ring closely to any EMVCo contactless-enabled payment terminal. The ring uses NFC (Near Field Communication) technology to communicate data over short distances of a few centimeters.

"The Infineon security chip is the only solution available on the market, that allowed us to realize the NFC payment ring while still meeting EMVCo's toughest contactless performance requirements," said Shelly Silverstein, Chief Operating Officer at NFCRing Inc. "NFC Ring users now have a secure and convenient, payment experience with a fashionable accessory in an attractive design."

Almost half of all payment chip cards issued in 2015 worldwide use security solutions from Infineon. To make cashless payment even easier and more convenient for consumers, Infineon has optimized its contactless technology for payment applications with even the smallest smart wearables.

"Our chip technology makes paying with smart wearables as functional as paying with the well-known bank card, but also much more convenient," said Stefan Rohringer, Head of Development at the Infineon Technologies Austria AG Graz Development Centre. "Proximity payments based on NFC technology are clearly on the rise – and payment solutions with smart wearables will accelerate this trend with consumers not even having to reach into their pockets to pay."

As a global standard, EMVCo facilitates worldwide interoperability and acceptance of secure payment transactions. Management of specifications and related testing processes is driven by EMVCo's six member organisations American Express, Discover, JCB, MasterCard, UnionPay, and Visa.

Increased convenience without compromising security

For the first time ever, contactless system developers have managed to build an EMVCo-compliant payment finger ring with a security chip and passive contactless antenna. The small surface area and dimension as well as the shape of the ring were not the only hurdle they had to overcome. The absence of a battery with smart wearables and contactless data transmission without taking the wearable off the finger make contactless transactions more difficult, too.

However, the developers have overcome all these challenges, thanks to the highly energy-efficient payment security chip from Infineon. The chip communicates via its tiny passive antenna with the terminal, triggers the secured payment and does cryptographic processing. Moreover, it is the only solution available on the market that complies with timing requirements of a few milliseconds whilst working at a distance of up to 4cm from a reader. Further information is available at:

www.infineon.com/nfc-payment-ring

The infrastructure is there

Chip solutions from Infineon allow secured payment functions to be installed in new form factors. With payment functionality, smart wearables such as watches, chains or key rings are more than just cool gadgets, but deliver real added value for the consumer. This is just one reason why the number of smart wearables is expected to rise from 119 million at present to 340 million by the year 2020 (IHS Markit 2016). The rapid expansion of the contactless infrastructure based on the internationally accepted NFC standard is also boosting the development of new business models.

The ring is available for order worldwide for GBP 39.99 via the website

www.NFCring.com.

About NFCRing Inc.

NFC Ring™ has been the market leader in smart rings for 6 years and created the world's first payment enabled Ring in 2012. The company produces wearable

technology for the enterprise IT and consumer markets with more than 200,000 devices in use. Our patent-protected designs are known for engineering excellence and a global customer base. The company is based in Los Angeles, California, with offices in Silicon Valley, the UK and Asia. Further information is available at www.NFCRING.com

About Infineon Austria

Infineon Technologies Austria AG is a group company of Infineon Technologies AG, a worldwide leading supplier of semiconductor solutions to make life more simple, secure and more environmentally friendly. Micro-electronics by Infineon reduces the energy consumption of consumer electronics, household devices and industrial installations. It contributes considerably to the comfort, safety and sustainability of vehicles and provides secure transactions in a connected world.

Besides Germany, Infineon Austria is the only site capable of meeting competencies for research & development, production as well as global business responsibility. Its headquarters is based in Villach, further branches are located in Graz, Klagenfurt, Linz and Vienna. With about 3,500 employees (1,300 of whom are in research & development) from around 60 nations, the company achieved a turnover of €1.4 billion in the 2015 fiscal year (ending in September). Infineon Austria is the most research oriented company in Austria with a research quota of 25% of the total turnover.

Further information is available at www.infineon.com

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