NXP Introduces iOS 11 Toolkit to Expand iPhone NFC Capabilities into the IoT

September 21, 2017

EINDHOVEN, The Netherlands, Sept. 21, 2017 (GLOBE NEWSWIRE) -- NXP Semiconductors N.V. (NASDAQ:NXPI), co-inventor of NFC technology, today introduced a new toolkit for NFC tagging ICs with iOS support, which unlocks the potential to now connect billions of consumer and industrial products to the Internet of Things (IoT). With Apple®'s announcement, earlier this summer, to support NFC read capabilities for NFC Forum-compliant tags, NXP's portfolio of advanced NFC tagging chips can now be designed into solutions used with iOS 11 on iPhone® 7, iPhone 7 Plus, iPhone 8, iPhone 8 Plus and iPhone X models. To accelerate and simplify development, NXP offers iOS developers a full tool suite of NFC hardware and software solutions – for developers to explore the benefits in various markets including consumer electronics, smart home, food and beverage, fashion, cosmetics, pharmaceuticals, gaming, toy industries and more.

"As co-inventor of NFC technology, NXP invites Apple developers to join us in the NFC universe as we drive solutions that deliver on the promise of the IoT – all by enabling consumers to use their smartphones as NFC readers that interact with NFC tags," said Alexander Rensink, business segment manager, secure identification solutions business at NXP. "We look forward to a surge of creativity and applications that use our comprehensive iOS developer tools and fully compliant NFC Forum tags. In addition to providing certified tags on the market, they are also the easiest to design into solutions that can dramatically change business operations and enhance the daily lives of consumers."

NXP's market-leading NFC Forum based solutions include certified IC tags for consistent and predictable NFC user experiences, reader ICs and reference designs, developer kits, mobile applications and software development tools for both iOS and Android platforms:

- **NXP's tag IC Portfolio:** Includes passive smart tags (NTAG, ICODE) with innovative security and interactive functionalities, including energy harvesting (NTAG F, NTAG I²C plus) as well as sensing and logging tags (NTAG SmartSensor). It spans both the ISO 14443 and ISO 15693 protocols for maximum interoperability with reader infrastructures.

- **NFC TagInfo by NXP:** A mobile app for iOS that supports scanning tags and displaying information, and the iOS version also completes an NFC-NDEF action automatically. The iOS App is planned to be available in the App Store, and the Android version is available on Google Play.

- **NTAG SmartSensor Starter Kit**: supporting iOS development on macOS using LPCXpreso IDE, containing sample code for temperature logging and therapy adherence, example source code for iOS and macOS Apps.

- **NXP TagXplorer:** A software tool for programming tags with machines in Java runtime environments, including macOS and Windows, to fully leverage NXP's innovative IC features.

- **NXP TagWriter:** A widely deployed Android-based mobile App to read and encode NFC tags.

- **NFC App Developer Starter Kits:** Includes NFC tags with NXP's NFC Forum type 2, 4 and 5 ICs that support a wide variety of features and security levels. The kits are available by Identiv, Lab-ID, LUX-IDent, Smartrac and will be offered through their worldwide sales channels.

Availability

The iOS 11 toolkit is expected to be available in September 2017. For updates visit: http://nxp.com/nfc.

About NXP Semiconductors
NXP Semiconductors N.V. (NASDAQ:NXPI) enables secure connections and infrastructure for a smarter world, advancing solutions that make lives easier, better and safer. As the world leader in secure connectivity solutions for embedded applications, NXP is driving innovation in the secure connected vehicle, end-to-end security & privacy and smart connected solutions markets. Built on more than 60 years of combined experience and expertise, the company has 31,000 employees in more than 33 countries and posted revenue of $9.5 billion in 2016. Find out more at www.nxp.com.

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For more information, please contact:

Americas	Greater China/Asia	Europe
Tate Tran	Esther Chang	Martijn van der Linden

Tel: +1 408 802 0602   Tel: +886 2 8170 9990   Phone: +31 6 1091 4896
Email: tate.tran@nxp.com   Email: esther.chan@nxp.com   Email: martijn.van.der.linden@nxp.com

NXP Semiconductors Netherlands B.V.