**BUSINESS NEWS**

# NXP and Cohda Wireless Sign CAR 2 CAR Communication Consortium Memorandum of Understanding

*Leading C2X communications suppliers introduce RoadLink technology brand, including first C2X modules designed by lesswire AG*

**Eindhoven, Netherlands and Hamburg, Germany, April 4, 2013 —** NXP Semiconductors N.V. (NASDAQ: NXPI) and Cohda Wireless today announced that they have signed the CAR 2 CAR Communication Consortium Memorandum of Understanding (MoU). The memorandum aims at implementing and deploying harmonized technology for the wireless communication between cars, or between cars and traffic infrastructure, in Europe. NXP and Cohda, a leading specialist in wireless communication for automotive safety applications, are the first automotive electronics suppliers to sign the MoU, following twelve major car manufacturers in October 2012.

In addition, NXP and Cohda have announced the introduction of Roadlink™ as their new technology brand for marketing a total Car-to-X (C2X) communication and security solution for on-board units and road-side units in Intelligent Transport Systems (ITS). Automotive-ready modules based on Roadlink are currently being developed by companies including lesswire AG in Germany. A specialist for automotive wireless networking, lesswire has announced a C2X module which supports the timely introduction of automotive applications from 2015 onwards, as planned by the CAR 2 CAR Communication Consortium.

The overall objective of the CAR 2 CAR Communication Consortium is to implement and deploy cooperative Intelligent Transport Systems – a network in which communication partners, such as vehicles, traffic infrastructure, and service providers, wirelessly exchange information. This will be the basis for achieving new levels of traffic safety and improving traffic efficiency on European roads. The consortium is therefore pushing for global harmonization of Car-to-Car (C2C) and Car-to-Infrastructure (C2I) communication standards, recognizing the need to adapt software to the regional characteristics of the US, European and Japanese markets. "We are pleased to have NXP sign the memorandum," says Søren Hess, general manager, CAR 2 CAR Communication Consortium. "The fact that NXP, as a major driver of secure connected mobility solutions, has designed first automotive-ready products for C2X is a

major step in the consortium's plans of making car-to-car communication on European roads a reality from 2015 onwards."

Under the new technology brand RoadLink, NXP and Cohda Wireless are introducing and marketing a total Car-to-X radio and security solution for ITS on-board units and road-side units. Cohda's patented advanced reception technology enhances wireless communications to quality levels far beyond commercial off-the-shelf receivers and transmitters using the IEEE 802.11 communication standard. NXP contributes the hardware platform based on its long-proven expertise in software-defined radio, high-performance mixed-signal RF tuners, and security technologies. At the same time, NXP enables the automotive-ready performance of the total solution, which offers unparalleled efficiency in terms of cost, form factor, and power consumption.

Using RoadLink technology, lesswire is developing small embedded Car-to-X radio modules offering best-in-class RF performance. "We have decided to design our new portfolio of IEEE802.11p modules on RoadLink technology by NXP and Cohda Wireless because of their leading technologies for car communication," explains Dr. Ralph Meyfarth, CEO lesswire AG. "First modules are planned to be released in 2014. They will be designed in with major global car manufacturers and used in various architectures. The modules will be automotive qualified." lesswire specializes in solutions for WLAN, Bluetooth, and UMTS, designing robust, low-power, automotive-certified products that enable vehicles to be assimilated into traffic or corporate networks. The company has taken on a leading role in the standardization and development of solutions for C2C and C2I communication.

Torsten Lehmann, senior vice president and general manager car entertainment solutions at NXP Semiconductors, explains: "Signing the memorandum of understanding underscores our commitment to make the connected car a reality, reducing road accidents, saving lives, reducing $CO_2$ emissions, and improving traffic flow. The IEEE802.11p modules that lesswire is designing based on RoadLink technology will set new benchmarks in the automotive industry. They will combine NXP's market-proven multi-standard software-defined radio, Cohda's superior wireless reception algorithms, and lesswire's expertise in automotive-grade networking solutions." NXP continues to invest in connected car technologies, most recently announcing a significant investment in Cohda Wireless together with Cisco in January 2013. A video discussing NXP's approach to C2X communications is available here: http://youtu.be/LGykjQZoQ4c

**About lesswire AG**

lesswire AG is a Berlin-based provider of embedded radio solutions for wireless industrial communication and wireless applications for the automotive industry and the smart energy sector. The company was founded in 1999 and offers complete product solutions based on its BlueBear (Bluetooth) modules and the WiBear (WLAN) product family for the OEM market and aftermarket. lesswire products feature the high degree of innovation and quality worthy of the "made in Germany" label. With sites in Berlin and Erd/Budapest, lesswire AG has been part of PRETTL Electronics AG since 2006. For further information, please visit www.lesswire.com.

**About Cohda**

Cohda Wireless is an equipment vendor in the Cooperative Intelligent Transport Systems (ITS) market. The company manufactures hardware products with acknowledged best-in-world performance and has developed complete software solutions (from network layer to applications layer) for this market. Cohda's hardware and software products are being used in Vehicle-to-X field trials worldwide today. Our customers include a large number of Car Makers, Tier One Suppliers, Automotive Chip Makers, Road Authorities, as well as New Market Entrants. Cohda's products are already in use in the USA, Europe, Australia, Japan, and Korea.

**About NXP Semiconductors**

NXP Semiconductors N.V. (NASDAQ: NXPI) provides High Performance Mixed Signal and Standard Product solutions that leverage its leading RF, Analog, Power Management, Interface, Security and Digital Processing expertise. These innovations are used in a wide range of automotive, identification, wireless infrastructure, lighting, industrial, mobile, consumer and computing applications.  A global semiconductor company with operations in more than 25 countries, NXP posted revenue of $4.36 billion in 2012. Additional information can be found by visiting www.nxp.com.

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*Note to Editors*
*RoadLink is a trademark of NXP Semiconductors. All other trademarks are property of their respective owners.*

*Forward-looking Statements*
*This document includes forward-looking statements which include statements regarding NXP's business strategy, financial condition, results of operations and market data, as well as other statements that are not historical facts. By their nature, forward-looking statements are subject to numerous factors, risks and uncertainties that could cause actual outcomes and results to be materially different from those projected. Readers are cautioned not to place undue reliance on these forward-looking statements. Except for any ongoing obligation to disclose material information as required by the United States federal securities laws, NXP does not have any intention or obligation to publicly update or revise any forward-looking statements after NXP distributes this document, whether to reflect any future events or circumstances or otherwise. For a discussion of potential risks and uncertainties,*

*please refer to the risk factors listed in NXP's SEC filings. Copies of NXP's SEC filings are available from the SEC website, www.sec.gov.*

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