



NXP Announces Availability of MAC57D5xx Linux and FreeRTOS Software Enablement Package

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Mobility selected by NXP as commercialization partner for Linux and FreeRTOS enablement

Eindhoven, Netherlands – March 29, 2017 –NXP Semiconductors N.V. (NASDAQ:NXP) today announced the availability of the MAC57D5xx Linux and FreeRTOS Software Enablement Package. Delivered by Mobility, this package will enable small and medium-sized developers to rapidly deliver solutions for automotive and industrial instrument cluster applications based on Linux and FreeRTOS software environments.

The MAC57D5xx MCU family, based on the ARM® Cortex®-M and Cortex®-A processors, is a multi-core architecture solution for mid-range instrument clusters such as automotive infotainment systems, control and operator panels for automated production equipment, and medical device interfaces.

NXP has selected Mobility – a Texas based global software engineering company as its software development partner for Linux and FreeRTOS on MAC57D5xx. The company has strong experience in the embedded space with proven expertise in platform enablement and will be NXP's official commercialization support partner for MAC57D5xx.

Quotes

"NXP is taking a significant step to reduce development cycle time for instrument cluster applications by partnering with Mobility to deliver the enabling software to our automotive and industrial customers," said Ross McQuat, VP of Marketing and Distribution for NXP Automotive Microcontrollers.

"We are delighted to be announced as the official commercialization support partner of NXP. This reflects the strong capabilities we have in embedded systems," said Krish Kupathil, CEO Mobility. "Mobility looks forward to supporting NXP customers who chose MAC57D5xx for a variety of applications ranging from mid-range instrument clusters to multi display and HUD management used in automotive and industrial dashboard and human machine interface applications."

Technical Details

- The MAC57D5xx MCU supports up to 2 WVGA resolution displays, one with in line head-up display (HUD) hardware warping.
- Graphics content is generated using a powerful Vivante 2D GPU and the 2D animation and composition engine, to reduce memory footprint for content creation, integrated stepper motor drivers and a powerful I/O processor.
- The MAC57D5xx MCU integrates NXP's latest SHE-compliant CSE2 engine and delivers support ISO26262 ASIL-B functional safety compliance.

Availability and Contact Information

Mobility's software package is now available and can be downloaded from nxp.com/MAC57D5xx or directly at mobility.com/nxp.

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About NXP Semiconductors

NXP Semiconductors N.V. (NASDAQ: NXP) 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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