Continental Selects Cypress Automotive MCUs to Drive Next-Generation Body Electronics Platform

Highly Scalable, Multicore Traveo™ II MCU Family Met Stringent Requirements for Robust Performance and Integration, Enhanced Security and Advanced Peripherals and Features

NUREMBERG, Germany, March 14, 2017 /PRNewswire/ -- EMBEDDED WORLD -- Cypress Semiconductor Corp. (NASDAQ: CY) today announced that Continental has selected Cypress' automotive microcontrollers (MCUs) for its next-generation body electronics platform. Cypress designed the Traveo™ II family specifically to deliver the performance, scalability, low power consumption and security required for emerging automotive platforms. The solution will support Continental in providing their customers with a broad range of options for a variety of products, including central body control modules, door, window and sunroof control units, seat control units, smartphone terminals and wireless power charging units.

"Global vehicle manufacturers rely on Continental for automotive systems that enable cutting-edge features to address the market's latest trends, such as firmware over-the-air updates, and with increasingly higher standards for reliable performance," said Michael Crane, Vice President, Body & Security, North America, Continental. "The strong performance and scalability of the Traveo II family made it stand out as the right choice for our next-generation body electronics platform. Cypress has established a strong track record as a partner to Continental, proving their design expertise and backing their portfolio with responsive support."

"In my years working with Continental, I developed a deep appreciation for the precision, innovation and quality the world's automakers demand to differentiate their vehicles," said Hassane El-Khoury, President and CEO at Cypress. "This platform order marks a significant step forward for Cypress' automotive portfolio and our new Traveo II family. Our Traveo MCUs have earned Cypress a leadership position in the automotive cluster market, and we intend to earn a leading position for body electronics with our Traveo II family."

The multicore Traveo II family is based on ARM$^®$ Cortex$^®$-M7 and -M4 cores with up to 8MB of embedded flash that helps the devices deliver the robust performance required for demanding body electronics applications. Featuring advanced peripherals, including support for the CAN-FD, Ethernet and FlexRay communication protocols, Traveo II MCUs offer scalability and pin-compatibility from the low-end to the high-end. The family provides low power consumption with a deep sleep mode and enhanced security for today's connected cars. The MCUs are backed by AUTOSAR (AUTomotive Open System ARchitecture) 4.2 software. More information on the Traveo MCU family is available at http://www.cypress.com/traveo.

Availability
The Traveo II MCU family will begin sampling in the second half of 2017.

Cypress Enables Leading-Edge Automotive Systems
Cypress works with the world's top automotive companies to bring leading-edge automotive systems typical of luxury models to mainstream vehicles, including Advanced Driver Assistance Systems (ADAS), 3-D graphics displays, wireless connectivity and full-featured touchscreens. The Cypress-Spansion merger created the industry's No. 3 provider of memories and microcontrollers (MCUs) for the automotive market with a combined portfolio that includes the Traveo MCU family, power-management ICs (PMICs), PSoC® programmable system-on-chip solutions, CapSense® capacitive-sensing solutions, TrueTouch® touchscreens, LED drivers, NOR flash, F-RAM™ and SRAM memories, and USB, Wi-Fi and Bluetooth® connectivity solutions. The portfolio is backed by Cypress' commitment to zero defects, excellent service and adherence to the most stringent industry standards, such as the ISO/TS 16949 quality management system, the Automotive Electronics Council (AEC) guidelines for ICs and the Production Part Approval Process (PPAP). Learn more at www.cypress.com/automotive.

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About Cypress
Founded in 1982, Cypress is the leader in advanced embedded system solutions for the world's most innovative automotive, industrial, home automation and appliances, consumer electronics and medical products. Cypress' programmable systems-on-chip, general-purpose microcontrollers, analog ICs, wireless and USB-based connectivity solutions and reliable, high-performance memories help engineers design differentiated products and get them to market first. Cypress is committed to providing customers with the best support and engineering resources on the planet enabling innovators and out-of-the-box thinkers to disrupt markets and create new product categories in record time. To learn more, go to www.cypress.com.

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