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Media Alert

ON Semiconductor Extends IoT Platform Support and Capabilities through Bosch IoT Suite

Bosch IoT Suite software offers a wide range of data and device management features and cloud services

PHOENIX, Ariz. – March 1, 2021 – ON Semiconductor (Nasdaq: [ON](#)), driving energy efficient innovations, has announced that the [RSL10 Smart Shot Camera](#) and the [RSL10 Sensor Development Kit](#) have been pre-integrated within the [Bosch IoT Suite](#), the Bosch Group's core software platform and core software ecosystem for the Internet of Things (IoT).

The RSL10 Smart Shot Camera and the RSL10 Sensor Development Kit are complete node-to-cloud solutions that feature advanced Bluetooth® Low Energy connectivity and sensing technology. Designed for event-triggered imaging, the recently announced RSL10 Smart Shot Camera combines low-power image capture alongside support for cloud-based AI analysis. Using the RSL10 Smart Shot Camera, developers can create imaging applications that automatically take a picture when triggered by events including time or environmental changes (e.g., motion, humidity or temperature). The RSL10 Sensor Development Kit, meanwhile, is an incredibly compact and versatile platform with over ten on-board environmental sensors.

By incorporating the RSL10-based solutions within the Bosch IoT Suite, developers can access an array of tools and resources including key middleware components that are available on a choice of global public clouds. The software allows mass deployment and management of IoT applications in the field, including device configuration and provisioning and remote maintenance. The Bosch IoT Suite also includes an innovative 'Digital Twin' modeling capability. This feature allows designers to create virtual representations of their devices using a cloud-based model to see what features and services they will offer in the real world.

"The Bosch IoT Suite truly addresses some of the most significant challenges faced by IoT OEMs, including data and device management," stated Wiren Perera who heads IoT at ON Semiconductor. "By adding this support for our IoT platforms, we are helping developers quickly build and implement cloud-based and highly scalable IoT applications."

The [RSL10 Smart Shot Camera](#) and [RSL10 Sensor Development Kit](#) are available now through local ON Semiconductor [sales representatives and authorized distributors](#). For more information about Bosch IoT Suite, contact [Bosch.IO](#) or schedule a meeting directly through [Calendly](#).

Additional resources & documents:

[RSL10 Smart Shot Camera Landing Page](#)

[Sensor Development Kits Landing Page](#)

[IoT Solutions Landing Page](#)

About ON Semiconductor

ON Semiconductor (Nasdaq: [ON](#)) is driving energy efficient innovations, empowering customers to reduce global energy use. The company is a leading supplier of semiconductor-based solutions, offering a comprehensive portfolio of energy efficient, power management, analog, sensors, logic, timing, connectivity, discrete, SoC and custom devices. The company's products help engineers solve their unique design challenges in [automotive, communications, computing, consumer, industrial, medical, aerospace and defense applications](#). ON Semiconductor operates a responsive, reliable, world-class supply chain and quality program, a robust compliance and ethics program, and a network of manufacturing facilities, sales offices and design centers in key markets throughout North America, Europe and the Asia Pacific regions. For more information, visit <http://www.onsemi.com>.

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