NEWS RELEASE

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For Immediate Release

Critical Link's Evaluation Kits Available for Canon Image Sensors

Syracuse, N.Y., October 30, 2019 – Critical Link, LLC, a leader in embedded solutions, and Canon U.S.A., Inc., a leader in digital imaging solutions, are pleased to announce availability of Evaluation Kits for two of Canon's latest CMOS image sensors: the 120MXS, a 120MP CMOS sensor; and the 3U5MGXSBA, a 5MP global shutter sensor.

As previously announced, the companies have been collaborating on development of Sensor Evaluation Kits for Canon CMOS sensors. The kits allow developers to test sensor features and performance to ensure a fit with their application. System designers gain access to assets that accelerate development time, including complete sensor board design files. For applications that require on-board image processing, the Evaluation Kits feature an open architecture design, with the option to embed processing and software with the on-board CPU and FPGA fabric.

Evaluation Kits consist of a camera with a pre-installed Canon CMOS sensor, and include:

- Accessory package for out-of-the-box operation (quick start guide, power supply, compact tripod, cables)
- Embedded software to setup the sensor, acquire image data and communicate over USB 3.1 interface with any USB 3 compliant UI
- PC-based UI application available for download to communicate with the camera
- Sensor board design files and source code*
- VHDL code for the FPGA*

Evaluation kits for the 3U5MGXSBA and the 120MXS are expected to begin shipping in November. Orders can be placed through Canon's website, or with an authorized distributor.

A third evaluation kit is in development for Canon's 35MMFHDXS_A, a 19 μm, 2.76MP sensor with extreme-low-light sensitivity. Availability is projected for early 2020.

Visit Canon USA for information on new sensors and to reserve an Evaluation Kit.

Visit Critical Link for information about our embedded solutions and engineering capabilities.

About Critical Link

Syracuse, N.Y.-based Critical Link (www.criticallink.com) is an embedded systems engineering firm offering customizable system-on-modules (SOMs) and imaging platforms for industrial, medical, scientific, and defense applications. Critical Link's end-to-end product engineering services include design, development, and production. Critical Link is a Platinum Member of the Intel (Altera) FPGA Design Solutions Network and the Intel IoT Solutions Alliance, and is ISO 9001:2015 Registered by SRI Quality System Registrar.

About Canon USA

Canon U.S.A., Inc., is a leading provider of consumer, business-to-business, and industrial digital imaging solutions to the United States and to Latin America and the Caribbean markets. With approximately $36 billion in global revenue, its parent company, Canon Inc. (NYSE:CAJ), ranks third overall in U.S. patents granted in 2018[†] and is one of Fortune Magazine's World's Most Admired Companies in 2019. Canon U.S.A. is dedicated to its Kyosei philosophy of social and environmental responsibility. To keep apprised of the latest news from Canon U.S.A., sign up for the Company's RSS news feed by visiting www.usa.canon.com/rss and follow us on Twitter @CanonUSA.

* Available upon request.

[†] Based on weekly patent counts issued by United States Patent and Trademark Office.

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