NEWS RELEASE

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For Immediate Release

Critical Link to Premiere New Embedded Imaging Solutions at Photonics West 2019

• Company will showcase new technologies for industrial embedded imaging at SPIE Photonics West, Moscone Center, San Francisco, Feb. 5 - 7, 2019, in South Hall booth #240.

Syracuse, N. Y. – January 3, 2019 – **Critical Link**, a leading provider of electronics and engineering services for industrial embedded imaging applications, will showcase two new technologies at Photonics West, the world's largest photonics technologies event.

The first, the **MityCAM-C50000**, is an imaging system specially designed as an evaluation platform for the CMV50000 high-speed image sensor from ams / CMOSIS.

The global shutter sensor features 47.5MP resolution at 30 frames per second, mono and RGB color options, with low dark noise and high dynamic range. The innovative system provides multiple interfaces including USB3 Vision® and HDMI preview as standard, with custom options that include CoaXPress, Camera Link, GigE Vision®, and more.

The powerful MityCAM-C50000 is an open architecture design that utilizes Critical Link's other new technology, the **MitySOM-A10S** image processing board. This system on module (SOM) family features dual core Cortex-A9 ARMs with up to 480KLE user-programmable FPGA fabric, DDR4 memory, and 12 high-speed transceiver pairs, making it an ideal solution for machine vision and scientific imaging applications. The board is available in two configurations: first as a stack-through

board for use in camera designs, and second with bottom-side, rugged board-to-board connectors for integration with an industrial baseboard.

Both the MityCAM-C50000 and MitySOM-A10S support OpenCL™ and high-level synthesis (HLS) tools for accelerating design cycles and targeting C/C++ code to the FPGA. The processor board runs embedded Linux out of the box and provides unparalleled versatility and ease of customization for complex imaging platforms.

Critical Link's SOMs and embedded imaging platforms are designed for next-generation performance in a variety of scientific, industrial, medical, and defense applications to ensure a faster time to market, lower development costs, and long-term availability.

The MityCAM-C50000 and MitySOM-A10S are available from Critical Link and select partners starting in January 2019. To see a demonstration of this remarkable new embedded imaging platform, please visit SPIE Photonics West, Moscone Center, Feb. 5 - 7, 2019, South Hall booth #240. For more information, please go to www.criticallink.com or email us at info@criticallink.com.

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 premier Partner in the Imaginghub by Basler, 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.

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