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For Immediate Release

VIA Labs VL820 becomes the World's First USB-IF Certified USB 3.1 Gen 2 Hub

Joins USB-IF Certified USB 3.1 Gen 2 Hosts and Devices to complete the SuperSpeed USB 10Gbps Ecosystem

Taipei, Taiwan, 12 July, 2017 - VIA Labs, Inc., a leading supplier of SuperSpeed USB and USB Power Delivery Controllers, today announced that the VIA Labs VL820 USB 3.1 Gen 2 Hub Controller has achieved SuperSpeed USB 10Gbps certification from the USB Implementers Forum (USB-IF). The VIA Labs VL820 is the world's first USB-IF Certified USB 3.1 Gen 2 Hub.

The VIA Labs VL820 features one upstream port and four downstream ports, each capable of supporting SuperSpeed USB 10Gbps devices, while providing backward compatibility for previous generation USB devices. The VIA Labs VL820 was designed with USB-C™ in mind, integrating an optionally configurable USB Billboard Device for Alternate Mode applications such as Thunderbolt 3 peripherals or DisplayPort over USB-C multi-function dongles.

"The VIA Labs VL820 has been over two years in the making, and our top priority during the development process was ensuring excellent interoperability," said Jay Tseng, Director, VIA Labs Inc. "Throughout this process, we co-tested with every major USB 3.1 Gen 2 Host provider and various device manufacturers and test tool companies in a collaborative effort to reach this goal."

USB-IF certification provides the assurance that products based on these certified components will interoperate with the billions of compliant USB-enabled devices available on the market while delivering the speed, efficiency, and power specified by USB standards.

"Certified USB products from companies including VIA Labs lay the foundation for successful market adoption and interoperability," said Jeff Ravencraft, USB-IF President and COO. "USB-IF is pleased that VIA Labs has achieved certification of its USB 3.1 Gen 2 Hub controller, representing the final piece to ensure a fully functional SuperSpeed USB 10Gbps ecosystem guided by the USB-IF compliance program."

VIA Labs VL820 USB 3.1 Gen 2 Hub Controller

The VIA Labs VL820 is already seeing strong adoption in USB-C peripherals, docking stations, monitors, gaming devices, and other product categories. VIA Labs VL820-powered end products will be available as early as Q4, 2017.

The VIA Labs VL820 comes in two configurations: VL820-Q7 is the standard configuration and utilizes a simple QFN-76 9x9mm package. VL820-Q8 is optimized for USB-C, integrating muxes for the upstream port and two downstream ports, while offering a manufacturing-friendly QFN-88 10x10mm package.

VIA Labs VL820 Availability
The VIA Labs VL820 Hub controller is available now and shipping in quantity. For information on pricing, please contact your local VIA Labs sales representative or send an email to: sales@via-labs.com.tw

For more information about the VIA Labs VL820, please visit:
http://www.via-labs.com/product_show.php?id=62

To purchase an evaluation board, please visit:
http://www.via-labs.com/shop.php?id=5

For Images related to this release please visit:
https://www.viagallery.com/via-labs-vl820/

About VIA Labs, Inc.
VIA Labs, Inc. is a leading supplier of SuperSpeed USB and Power Delivery Controllers, based on the latest USB-IF Standards. A wholly owned subsidiary VIA Technologies, Inc, VIA Labs leverages its expertise in analog circuit design, high-speed serial interfaces, and systems integration to create a rich product portfolio that includes USB Host, Hub, and Device controllers in addition to USB PD and charging controllers. VIA Labs, Inc. has demonstrated technology and industry leadership through Standards Development and bringing newly developed USB Technologies to market. www.via-labs.com

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