

New microcontroller-based dual USB platform

emPower-USB-Host: Two USB ports make it easy and cost efficient to build a variety of USB based gadgets * All software free for non-commercial use.

Monheim, Germany – December 5th, 2018

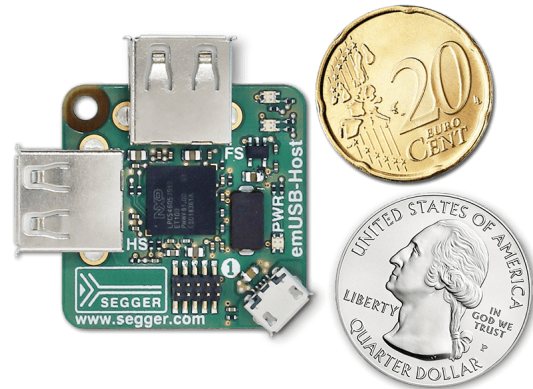
SEGGER introduces emPower-USB-Host, a compact low-cost development board. With two USB host ports, many applications using USB peripherals can be realized with little effort.

Precompiled applications for barcode and smartcard readers, as well as POS displays, LTE sticks, and USB to LAN adapters are available for download, including complete projects for Embedded Studio with source code of these applications. The applications are using SEGGER's emUSB-Host software API, which makes accessing the different types of USB devices easy.

emPower-USB-Host uses the emLoad bootloader, pre-loaded into the flash of the MCU, to easily change applications in seconds using a USB flash drive. Development of custom applications is also supported. The board has a debug connector, providing full access to the NXP LPC54605J512 MCU with its Cortex-M4 core.

Schematics and PCB layout of the board are available under a Creative Commons license. This way, the hardware can be used as a blueprint for custom devices using two USB host ports.

"The multitude of applications that can be realized with this little board and a combination of two USB devices is amazing. From input devices to sensors, terminals to loud speaker and connectivity devices such as WiFi, LAN, CAN, Bluetooth, MIDI, pretty much everything is available as USB device. Very little code is required to implement a complete application", says Rolf Segger, Founder of SEGGER. "It provides a great platform for makers, with almost unlimited possibilities. Anybody can build the hardware based on our schematics and PCB layout, or simply buy a board. Designing software for the



board is easy. Anybody with some knowledge of “C” can build something useful, without soldering.

It is exciting to make Embedded Systems easily available to anybody anywhere on the planet.”

Get more information on the new emPower USB-Host board at:

www.segger.com/empowerusbh

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About SEGGER

SEGGER Microcontroller is a full-range supplier of software, hardware and development tools for embedded systems. The company offers support throughout the whole development process with affordable, high quality, flexible and easy-to use tools and components. SEGGER offers solutions for secure communication as well as data and product security, meeting the needs of the rapidly evolving Internet of Things (IoT). The company was founded by Rolf Segger in 1992, is privately held, and is growing steadily. Headquartered in Germany with US offices in the Boston area as well as Silicon Valley and distributors on every continent, SEGGER offers its full product range worldwide. For additional information, visit: www.segger.com

Contact information:

Dirk Akemann
Marketing Manager
Tel: +49-2173-99312-0
E-mail: info@segger.com

Issued on behalf of:

SEGGER Microcontroller GmbH
Ecolab-Allee 5
40789 Monheim am Rhein
Germany
www.segger.com

SEGGER Microcontroller Systems LLC
101 Suffolk Lane
Gardner, MA 01440
United States of America
www.segger.com

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