MIDI class support for SEGGER USB host stack emUSB-Host

emUSB-Host MIDI: Build and control devices for creating and playing music

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SEGGER introduces support for the MIDI class with emUSB-Host. Supporting the MIDI-class enables the USB host stack to interact with music devices such as MIDI controllers, sequencers, drum machines, samplers, effect units, synthesizers or instruments.

The MIDI class is capable of supporting devices with multiple MIDI ports. It can send and receive MIDI commands. The MIDI class support also detects insertion and removal of MIDI devices.

SEGGER has created a number of examples for demonstrating the MIDI class. These include a sample of a MIDI player, that plays a standard MIDI file through a connected MIDI synthesizer and displays, in real time, piano notes and accompanying lyrics. Another example combines the existing HID and new MIDI classes of emUSB-Host in order to convert the standard PC keyboard into a MIDI controller which is capable of controlling a synthesizer or other sound generating devices.

Get more information on the new emUSB-Host MIDI class support at: www.segger.com/emusbhmidi

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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

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