

## For Immediate Release

# Mouser Signs Global Distribution Agreement with Sudo Systems to Stock High-Performance SudoProc SoM for IoT Designs

**October 30, 2018** – [Mouser Electronics](http://www.mouser.com), Inc. announces that it has entered into a distribution agreement with [Sudo Systems](http://www.sudo-systems.com), an innovator in high-performance embedded systems for next-generation [Internet of Things](http://www.iot.com) (IoT) devices. As part of the agreement, Mouser Electronics becomes an authorized distributor of Sudo Systems' groundbreaking SudoProc system-on-module (SoM). This revolutionary, high-performance module drastically reduces development time and accelerates time to market for a variety of IoT applications, including industrial tablets, [medical](#) equipment, virtual reality devices, multimedia devices, infotainment and digital signage, [robotics](#), and autonomous [vehicles](#).

“Sudo Systems is a premier, cutting-edge supplier of high-performance embedded systems, and has established an outstanding reputation in the engineering community with their award-winning designs,” said Andy Kerr, Vice President, Supplier Management at Mouser Electronics. “We’re very excited about the opportunity to partner with Sudo Systems, as we expand our IoT offering and bring their innovative solutions directly to our customers.”

“Mouser’s position as a market leader offers Sudo Systems an even greater opportunity to access an even larger customer base,” said Arne Korsika, CEO at Sudo Systems. “With Mouser’s extensive distribution channel and best-in-class customer service, engineers across a broad range of markets can use the SudoProc SOM to build the next generation of IoT devices.”

The [Sudo Systems SudoProc SoM](#), available from Mouser Electronics, is a custom-designed, solderable module small enough to fit in designs with limited space. The module is based on a Rockchip RK3288 processor – a 1.8GHz, quad-core Arm® Cortex®-A17 system-on-chip (SoC) with a 600 MHz Mali-T764 GPU. The high-end feature set of the SudoProc SoM includes 4 GBytes of dual-channel, 1066 MHz LPDDR3 RAM, an embedded security engine, and a Gigabit Ethernet controller.

In addition to the large RAM offering, the SudoProc SoM provides 32 GBytes of onboard eMMC 4.5 storage that is expandable up to 512 GBytes on demand. The SudoProc module supports a variety of embedded operating systems including Android 5.0 to 8.0, Yocto, Debian, Ubuntu and SudoOS — a Linux-based operating system developed in-house for single-event applications.

The SudoProc module offers a variety of interfaces, including a USB 2.0 host and OTG, five UARTs, five I<sup>2</sup>Cs, three SPIs, four PWMs and up to 100 general-purpose inputs and outputs (GPIOs), which are programmable as interrupt inputs. The module provides eDP and HDMI 2.0 support with up to 4K (60 fps) of 10-bit H.265 video decoding as well as SPDIF and I<sup>2</sup>S/PCM for audio support.

To learn more about Sudo Systems, visit [www.mouser.com/sudo-systems](http://www.mouser.com/sudo-systems).

With its broad product line and unsurpassed customer service, Mouser strives to empower innovation among design engineers and buyers by delivering advanced technologies. Mouser stocks the world's widest selection of the latest semiconductors and electronic components for the newest design projects. Mouser Electronics' website is continually updated and offers advanced search methods to help customers quickly locate inventory. Mouser.com also houses data sheets, supplier-specific reference designs, application notes, technical design information, and engineering tools.

### **About Mouser Electronics**

Mouser Electronics, a Berkshire Hathaway company, is an award-winning, authorized semiconductor and electronic component distributor focused on rapid New Product Introductions from its manufacturing partners for electronic design engineers and buyers. The global distributor's website, Mouser.com, is available in multiple languages and currencies and features more than 5 million products from over 700 manufacturers. Mouser offers 23 support locations around the world to provide best-in-class customer service and ships globally to over 600,000 customers in more than 220 countries/territories from its 750,000 sq. ft. state-of-the-art facility south of Dallas, Texas. For more information, visit [www.mouser.com](http://www.mouser.com).

### **About Sudo Systems**

Sudo Systems designs and develops high-performance embedded systems for next-generation IoT devices such as virtual reality, multimedia devices, infotainment and digital signage, robotics, and autonomous vehicles. Sudo Systems' award-winning engineers use their knowledge to design solutions that help reduce companies' development time and accelerate time to market.

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