

## For Immediate Release

# Mouser Electronics Signs Global Distribution Agreement with NewAE to Distribute ChipWhisperer Hardware Security

**April 11, 2018** – [Mouser Electronics](http://www.mouser.com), Inc., the authorized global distributor with the newest semiconductors and electronic components, today announced a global distribution agreement with [NewAE Technology Inc.](http://www.newae.com), a company dedicated to providing low-cost, open source tools for performing side-channel power analysis and fault glitching. The [NewAE product line](#) available from Mouser Electronics centers around the ChipWhisperer toolchain, which combines [open source hardware](#), software, training, and documentation for embedded hardware [security](#) research. The ChipWhisperer system consists of capture boards, target boards, and software to perform attacks and analysis.

“Hardware security is one of the most important challenges for today’s design engineers, and NewAE’s ChipWhisperer products provide our customers with tools to integrate security into their designs,” said Andy Kerr, Vice President, Supplier Management, Products at Mouser Electronics. “This partnership brings NewAE’s products to customers around the world, allowing them to take advantage of these innovative solutions.”

“Mouser’s robust global distribution and support network will enable us to reach our goal of making our hardware security solutions widely available to the industry, academia, and others focused on hardware security,” said Colin O’Flunn, CEO at NewAE Technology. “We are excited to be joining forces to deliver our ChipWhisperer product lines to new customers around the world.”

ChipWhisperer starter kits provide all the equipment necessary, including capture and target boards, to conduct side-channel power analysis and fault injection attacks. The [ChipWhisperer-Lite Level 1 Starter Kit](#) allows engineers to perform attacks on a variety of included targets, such as an 8-bit microcontroller and 32-bit microcontroller, while the [ChipWhisperer-Lite Level 2 Starter Kit](#) enables attacks on external targets. The [ChipWhisperer-Pro Level 3 Starter Kit](#), suitable for laboratory use, features a 98 Ksample buffer, a streaming mode for almost unlimited capture, and a pattern-based I/O trigger.

The [ChipWhisperer-Lite](#) capture boards offers a low-cost solution for embedded hardware security research, delivering NewAE’s established analog front-end and FPGA design in a small form factor. The ChipWhisperer-Lite is available as a single board or in a two-part version with SMA connectors that enable easy connection to other boards.

NewAE’s UFO Target Boards are designed to mount onto the UFO Baseboard for use with either the ChipWhisperer Pro or the ChipWhisperer-Lite Capture Tools. Target boards include versions that enable embedded security analysis on the [Xilinx Spartan XC6SLX9](#) FPGA, [STMicroelectronics STM32F](#) series of Arm® Cortex® microcontrollers, [NXP MPC5748G](#) 32-bit microcontroller, [Intel® D2000 Quark™](#) Microcontroller, and [Intel 87C51](#) microcontroller. NewAE’s wide range of embedded hardware security systems are supported by accessories including the CANoodler CAN interface, CW506 advanced breakout board, and a probe set with power supply.

To learn more, visit [www.mouser.com/newae-technology](http://www.mouser.com/newae-technology).

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 22 support locations around the world to provide best-in-class customer service and ships globally to over 600,000 customers in 170 countries 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 NewAE Technology**

NewAE Technology Inc. is a Canadian company that is revolutionizing the hardware security market, by making every engineer and designer aware of side-channel power analysis and clock glitching as important attack vectors. NewAE Technology Inc. is dedicated to providing tools for performing embedded hardware security research and making those tools widely available by not only reducing the cost, but by keeping the designs open. NewAE Technology Inc. hopes to fundamentally change the ecosystem of embedded development by making all engineers aware of both the theoretical and practical issues of side-channel power analysis and fault glitching.

### **Trademarks**

Mouser and Mouser Electronics are registered trademarks of Mouser Electronics, Inc. All other products, logos, and company names mentioned herein may be trademarks of their respective owners.

– 30 –

Further information, contact:  
Kevin Hess, Mouser Electronics  
Senior Vice President of Marketing  
(817) 804-3833  
[Kevin.Hess@mouser.com](mailto:Kevin.Hess@mouser.com)

For press inquiries, contact:  
Kelly DeGarmo, Mouser Electronics  
Manager, Corporate Communications and Media Relations  
(817) 804-7764  
[Kelly.DeGarmo@mouser.com](mailto:Kelly.DeGarmo@mouser.com)