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Mouser Electronics and Grant Imahara Explore Forefront of Cybernetics in New “Generation Robot” Video

August 22, 2018 – [Mouser Electronics](#) Inc., the authorized global distributor with the newest semiconductors and electronic components, along with celebrity engineer Grant Imahara, today released the fourth video episode in the [Generation Robot](#) series, part of Mouser’s award-winning [Empowering Innovation Together](#)™ program.

In the newest [video](#), Imahara tours the Cyberdyne Studio just outside of Tokyo to learn more about the company’s Hybrid Assistive Limb® (HAL®) — a robotic medical suit that combines human, machine, and information functionalities to restore or improve mobility. The Generation Robot series is sponsored by Mouser’s valued suppliers [Analog Devices](#), [Intel](#)®, [Microchip Technology](#) and [Molex](#).

During the in-depth interview with Cyberdyne CEO Dr. Yoshiyuki Sankai, Mouser and Imahara explore the different uses for human-robot, or cybernetic, implementations. The video features a demonstration of how the HAL system supports and enhances a wearer’s mobility. Imahara also interviews a HAL patient to see and learn more about training in the HAL suit and relearning motor functions, as well as how the technology is improving the patient’s life.

“The melding of human and robotic systems is the pinnacle of innovation,” said Glenn Smith, President and CEO of Mouser Electronics. “The technology we see at Cyberdyne Studio could forever change humanity, providing lasting solutions to physical impairments.”

“This is us moving beyond working next to machines — instead, we’re becoming one with machines. HAL’s technology is tied to our own cerebral nerves so simply thinking about an action allows the technology to carry out the response,” added Imahara.

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Since 2015, Mouser's Empowering Innovation Together program has been one of the most visible and recognized programs in the electronic component industry, featuring projects ranging from 3D printing objects in space to the amazing benefits of technologies that are [Shaping Smarter Cities](#). For 2018, Mouser's goal is to reach even more innovators around the globe with the Empowering Innovation Together program through the focus of how robots impact humanity.

To learn more about this and all of Mouser's Empowering Innovation Together series, visit www.mouser.com/empowering-innovation and follow Mouser on [Facebook](#) and [Twitter](#). To watch the new video, go to <https://youtu.be/tO5RiZFF2lQ>.



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.

About Grant Imahara

Well known in the engineering community, Grant Imahara has paired his engineering expertise with a successful TV and film career. In addition to his roles on *MythBusters* and *BattleBots*, Imahara has worked on many famous robotic characters, including R2-D2 from *Star Wars*, the talking robot skeleton sidekick Geoff Peterson from *The Late Late Show with Craig Ferguson*, and the Energizer Bunny.

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