



Synaptics Partners with Boréas Technologies to Deliver High-Performance Piezo Haptic Trackpads

Date

May 29, 2023

TAIPEI, Taiwan, May 29, 2023 (GLOBE NEWSWIRE) -- Synaptics® Incorporated (Nasdaq: [SYNA](#)) today announced at Computex 2023 that it has combined its [S9A0H](#) NIST SP800-193 firmware qualified touch controller with Boréas Technologies Inc.'s piezo haptics technology to deliver a high-performance trackpad module. The module provides OEMs with both force sensing and best-in-class haptic feedback while enabling thin and light trackpads with a seamless transition from a large touch-enabled area to the chassis with a consistent click sensation across 100% of the active surface.

Join us at Computex 2023 to learn more about this and our other touch and fingerprint sensors, as well as Synaptics' latest advances in wireless, docking, audio, and networked displays. Email press@synaptics.com for an appointment, and follow us on [LinkedIn](#).

"We partnered with Boréas because we saw an opportunity to deliver a highly differentiated trackpad solution for OEMs," said Saleel Awsare, Senior VP and GM, PC and Peripherals Division at Synaptics. "The result is a thinner, lighter trackpad module that provides a unique combination of security, force-sensing, and haptics capabilities for an exceptional end-user experience."

"We are excited to partner with Synaptics," said Simon Chaput, CEO of Boréas. "Our collaboration is an important milestone for the company and the industry as it will accelerate the adoption of piezo haptic technology in trackpads."

Announced last year, the S9A0H IC is an integrated hardware/software touch platform that supports the industry's highest level of firmware security—including 384-bit encryption—to prevent trackpads from being rendered inoperable. It's also scalable to meet the demand for larger, smarter, and more responsive touchpads.

The module leverages the second-generation [Boréas Piezo Haptic](#) technology announced earlier this year, as well as the recently announced [Boréas BOS1921 piezo driver](#). The driver delivers autonomous operation and sensing for piezo haptic trackpads in a single chip.

Availability

The Synaptics piezo haptic module is available today. For more information:

- Contact your [local sales representative](#)
- Visit Synaptics at Computex 2023 in the Nangang Convention Center
 - Private meeting room: Level 5, Room #532
 - Or drop by our booth on Level 1, Booth #J1409
- To make an appointment for either, email press@synaptics.com or sales@synaptics.com

About Synaptics Incorporated

Synaptics (Nasdaq: [SYNA](#)) is changing the way we engage with connected devices and data, engineering exceptional experiences throughout the home, at work, in the car and on the go. Synaptics is the partner of choice for the world's most innovative intelligent system providers who are integrating multiple experiential technologies into platforms that make our digital lives more productive, insightful, secure, and enjoyable. These customers are combining Synaptics' differentiated technologies in touch, display, and biometrics with a new generation of advanced connectivity and AI-enhanced video, vision, audio, speech, and security processing. Follow Synaptics on [LinkedIn](#), [Twitter](#), and [Facebook](#), or visit www.synaptics.com.

About Boréas Technologies

Named a top semiconductor company to watch in the EE Times Silicon 100, Boréas Technologies Inc. is a fabless semiconductor company commercializing product-differentiating piezo IC platforms in consumer and automotive markets. With origins in research conducted at Harvard University, Boréas was founded in 2016 in Bromont, Québec. Its proprietary CapDrive™ technology platform—on which the company's ICs are based—is ideal for devices such as PC trackpads, smartphones and automotive controls.

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