

Bosch Ventures invests in Point2 to revolutionize multi-terabit interconnect for AI and Automotive

New \$22 million Funding to Accelerate Point2's E-Tube Interconnect Platform, shattering the "copper or optics" paradigm for cable interconnect.

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- ▶ New e-Tube technology reduces power consumption, weight, and costs for data transmission.
- ▶ Dr. Ingo Ramesohl, Managing Director of Bosch Ventures: "Point2 and its technologies have high potential to become a disruptor in network interconnect in automotive and datacenter markets."
- ▶ First products already in production for high performance datacenter.

Stuttgart, Germany – Bosch Ventures, the corporate venture capital unit of the Bosch Group, participates in the \$22 million Series B extension from Point2. This round positions Point2 as a potential disruptor for network interconnect in the automotive market. Shattering the "copper or optics" paradigm for high-speed cable interconnect, E-Tube breaks the barriers of copper and optical cabling and is poised to become the next-generation multi-terabit interconnect technology for datacenter applications and the automotive sector.

The new E-Tube platform uses RF data transmission via a plastic dielectric waveguide to enable multi-terabit active cables. According to Point2, this results in 80% lower weight, 50% less bulk compared with copper cables, and 50% lower power consumption and costs compared with optical cables. This profile gives the E-Tube platform the potential to replace both.

A potential disruption for the automotive connectivity market

Advanced driver assistance systems (ADAS) in automotive are adopting a network-centric architecture to connect hundreds of sensors, driving the need for low-power, low-latency, lightweight, and flexible interconnect for future automotive applications.

"We are thrilled to have support from Bosch Ventures and Molex as we advance our mission to revolutionize interconnect technology in AI/ML data centers and

next-generation automotive applications," said Sean Park, Point2's founder and CEO. "Our investment from Bosch Ventures underlines the importance and high potential of Point2's low-power, low-latency, scalable interconnect technologies in the expansive automotive sector, and further amplifying our impact connecting AI workloads for the growing data center market."

"Moving forward, interconnect provides critical infrastructure for high-performance and energy-efficient data centers and networked automotive applications," said Ingo Ramesohl, Managing Director of Bosch Ventures. "Point2's unique interconnect SoC solutions deliver the high-bandwidth interconnect required in the data center and automotive sector while reducing energy consumption and minimizing carbon footprint. The company and its technologies have a high potential to become a disruptor in network interconnect in both markets."

Strong partnerships

Besides Bosch Ventures, strategic investor Molex is also joining the round, and plans to support the future commercialization of the E-Tube technology. Existing investors are participating and make up the rest of the oversubscribed round.

The boost in funding comes at a time when the use of AI in data centers is skyrocketing. Generative AI and large language models are increasing the demand for computing resources and network interconnect capacity in next-generation hyperscale data centers, where the integration of Point2 interconnect chips is set to revolutionize connectivity.

In the past, Point2 has already gained recognition for its ultra-low-power, low-latency, cloud-optimized mixed-signal SoCs, which are purpose-built for active electrical cables (AECs). AECs built with Point2's Cloud Connect Engines require significantly less power and space than other AEC solutions.

Press photographs: Dr. Ingo Ramesohl (#656ca280); Point2 Technology Management Team (#b47bd6cf)

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About Bosch Ventures:

Robert Bosch Venture Capital GmbH (Bosch Ventures) is the corporate venture capital company of the Bosch Group, a leading global supplier of technology and services. Bosch Ventures invests worldwide in innovative startup companies at all stages of their development.

Its investment activities focus on technology companies working in areas of business of current and future relevance for Bosch, above all, automation and electrification, energy efficiency, enabling technologies, and healthcare systems. Bosch Ventures also invests in services and business models that are relevant to the above-mentioned areas of business. In addition, the company supports co-innovation between Bosch and startups via the “Open Bosch” program.

For further information, visit bosch.ventures

The Bosch Group is a leading global supplier of technology and services. It employs roughly 428,000 associates worldwide (as of December 31, 2023). According to preliminary figures, the company generated sales of 91.6 billion euros in 2023. Its operations are divided into four business sectors: Mobility, Industrial Technology, Consumer Goods, and Energy and Building Technology. As a leading IoT provider, Bosch offers innovative solutions for smart homes, Industry 4.0, and connected mobility. Bosch is pursuing a vision of mobility that is sustainable, safe, and exciting. It uses its expertise in sensor technology, software, and services, as well as its own IoT cloud, to offer its customers connected, cross-domain solutions from a single source. The Bosch Group’s strategic objective is to facilitate connected living with products and solutions that either contain artificial intelligence (AI) or have been developed or manufactured with its help. Bosch improves quality of life worldwide with products and services that are innovative and spark enthusiasm. In short, Bosch creates technology that is “Invented for life.” The Bosch Group comprises Robert Bosch GmbH and its roughly 470 subsidiary and regional companies in over 60 countries. Including sales and service partners, Bosch’s global manufacturing, engineering, and sales network covers nearly every country in the world. The basis for the company’s future growth is its innovative strength. At 136 locations across the globe, Bosch employs some 90,000 associates in research and development, of which roughly 48,000 are software engineers.

The company was set up in Stuttgart in 1886 by Robert Bosch (1861–1942) as “Workshop for Precision Mechanics and Electrical Engineering.” The special ownership structure of Robert Bosch GmbH guarantees the entrepreneurial freedom of the Bosch Group, making it possible for the company to plan over the long term and to undertake significant upfront investments in the safeguarding of its future. Ninety-four percent of the share capital of Robert Bosch GmbH is held by Robert Bosch Stiftung GmbH, a charitable foundation. The remaining shares are held by Robert Bosch GmbH and by a corporation owned by the Bosch family. The majority of voting rights are held by Robert Bosch Industrietreuhand KG, an industrial trust. The entrepreneurial ownership functions are carried out by the trust.

Additional information is available online at www.bosch.com, www.iot.bosch.com, www.bosch-press.com, www.twitter.com/BoschPress

About Point2

Point2 Technology, headquartered in San Jose, Calif., designs and manufactures ultra-low power, low-latency, point-to-point interconnect and range enhancement SoC solutions purpose-built to meet the bandwidth requirements of hyperscale AI/ML datacenters and 5G infrastructure. Founded by an accomplished team from Marvell, Finisar and Samsung, Point2 is a leading innovator that is reimagining data center and 5G cloud infrastructure interconnects in the multi-terabit era. www.point2tech.com.