



NEWS RELEASE

# Ambiq Expands Singapore R&D to Advance Ultra-Low Power Edge AI Innovation

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Singapore, February 24, 2026— Ambiq, a global leader in ultra-low-power semiconductor solutions, today announced a multi-year research and development (R&D) programme in Singapore, supported by the Singapore Economic Development Board (EDB), to advance next-generation edge artificial intelligence (AI) technologies and further the development of Ambiq’s subthreshold power optimized technology (SPOT®) for licensing.

Next-generation edge AI enables intelligence to be processed directly on devices—such as wearables, smart infrastructure, and industrial systems—without constant reliance on cloud connectivity. By combining AI performance with ultra-low power consumption, these technologies enable always-on, responsive, and energy-efficient applications. Through the licensing of Ambiq’s SPOT platform, these energy-efficient capabilities can be adopted more broadly across diverse products and market segments, accelerating the deployment of edge AI across a wider range of devices and use cases.

“Singapore is a crucial hub for Ambiq’s advanced R&D and engineering efforts,” said Fumihide Esaka, CEO of Ambiq. “Singapore’s strong talent base, robust research ecosystem, and close collaboration across industry and academia make it an ideal location for advancing our most complex edge AI technologies. This expansion builds on our long-term presence in Singapore and supports Ambiq’s goal of further developing and licensing our SPOT platform.”

“Ambiq Micro’s R&D expansion underscores Singapore’s role as a hub for AI innovation and further extends our semiconductor industry to capture the growth in AI. The expansion will deepen our capabilities in integrated circuit design for edge AI applications and create skilled job roles such as AI developers and design verification engineers to support global product development,” said Soo Haw Yun, Vice President, Global Enterprises, Singapore Economic



Development Board.

The new office will support the expansion of teams and activities across research, engineering, design, product, and business development. The company has also begun partnering with Singapore Institutes of Higher Learning, public research institutions, and local SMEs to promote talent development, applied research, and ecosystem collaboration.

Singapore-based candidates interested in R&D and engineering opportunities with Ambiq can view current openings here: <https://job-boards.greenhouse.io/ambiqmicroinc>

About Ambiq

Headquartered in Austin, Texas, Ambiq's mission is to enable intelligence (artificial intelligence (AI) and beyond) everywhere by delivering the lowest power semiconductor solutions. Ambiq enables its customers to deliver AI compute at the edge where power consumption challenges are the most severe. Ambiq's technology innovations, built on the patented and proprietary subthreshold power optimized technology (SPOT®), fundamentally deliver a multi-fold improvement in power consumption over traditional semiconductor designs. Ambiq has powered over 290 million devices to date. For more information, visit [www.ambiq.com](http://www.ambiq.com).

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