NEWS RELEASE

Ambiq's Ultra-Low Power Apollo2 Platform Selected to Energize Spire's Game-Changing Health Monitoring Device

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Ambiq®, the pioneer and leader in ultra-low power solutions, today announced that Spire has selected the Apollo2 platform to energize the Spire Health Tag, its new line of wearable, health monitoring products. The Health Tag is a small and discreet yet comprehensive health-monitoring device that makes clothes smart and never needs charging.

At the heart of the Apollo2 platform is Ambiq's patented Sub-threshold Power Optimized Technology (SPOT®), which dramatically reduces energy consumption while leaving abundant application processing power to add higher intelligence to personal health monitoring and wearable devices. The Spire Health Tag uses the 10µA/MHz active power efficiency of Apollo2 to deploy advanced algorithms to deliver personalized, real-time health guidance for daily activity, sleep, and stress situations. With Apollo2 and the SPOT platform, the Health Tag can continuously analyze breathing and heart-rate inflection points for up to two years on one battery.

"Spire is using Ambiq's Apollo2 to dramatically-increase the longevity of our batteries," said Benjamin Yule, CTO of Spire. "The Apollo2 platform is the only one of its kind on the market to support the power-to-performance ratio we needed."

"We're pleased to partner with Spire to power its revolutionary health monitoring device," said Aaron Grassian, Vice President of Marketing and Business Development at Ambiq. "We're excited that our superior, ultra-low power Apollo2 platform has enabled Spire to design a fitness wearable that's nearly invisible, non-intrusive and requires no daily maintenance. Countless wearable devices end up in the junk drawer after a few months of battery-

charging, replacement, and maintenance. Spire has eliminated this problem with a discreet design that disappears into the user's clothing and seamlessly blends into daily life."

Ambiq will be showcasing SPOT-enabled, ultra-low power solutions at the Consumer Electronics Show 2018 (CES) on Tuesday, January 9, through Friday, January 12, at the Renaissance Hotel Las Vegas, Suite 532. For an appointment, please contact **CES-2018@ambiqmicro.com**.