



## **NXP NXH3670 Powers Turtle Beach's Elite Atlas Aero – The Ultimate High-Performance Wireless Headset for PC Gamers and Streamers**

October 15, 2019

**San Jose, California – October 15, 2019** – NXP Semiconductors today announced that Turtle Beach – a leading gaming headset maker, chose NXP's [NXH3670](#) to deliver powerfully immersive Waves Nx 3D surround sound and crystal-clear chat experience for its recent retail launch of its Elite Atlas Aero Wireless High-Performance Headset for PC Gamers and Streamers. The NXH3670 is NXP's proprietary 2.4 GHz wireless audio streaming solution designed for gaming and communication headsets and features ultra-low audio latency and industry-lowest power consumption.

"Turtle Beach's [Elite Atlas Aero](#) is the industry's first gaming headset to use NXP's new NXH3670, offering exceptional power consumption that allows for increased playtime," said Steven Thoen, product marketing director of Wireless Personal Audio solutions at NXP. "As an added bonus, especially important in a wireless headset, the NXH3670 can also increase user comfort by reducing battery weight, making the Aero one of the most comfortable headsets in the market."

Added Joe Stachula, CTO and VP of Product Development at Turtle Beach, "With the knowledge we've gained through years of creating wireless headsets, we know gamers always want a longer-lasting battery. With NXP's optimized and integrated architecture in the Elite Atlas Aero, we've delivered a premium PC headset that's perfect for gaming and streaming, with a substantially improved battery life and excellent wireless range and reliability."

The NXP NXH3670 audio streaming solution is a highly integrated, single-chip ultra-low-power 2.4 GHz wireless transceiver, embedding both an Arm® Cortex®-M0 microcontroller (which runs the protocol stack) as well as, an embedded Coolflux® DSP (running all of the audio processing including sample rate conversion and audio compression). Measuring only 7.25 mm<sup>2</sup>, the BLE 4.2 certified device is targeted at robust, high-quality wireless audio streaming at very low latency, targeting applications such as gaming and communications headsets, as well as soundbars, wireless microphones, and wireless speakers.

The NXH3670's efficient streaming protocol reduces the power consumption to 8.5 mw, which allows for exceptional battery life, enabling the Elite Atlas Aero headset to provide seamless, continuous audio for up to 30-hours.

For the latest information on Turtle Beach products, accessories, and stories, visit the Turtle Beach website at [www.turtlebeach.com](http://www.turtlebeach.com) and the Turtle Beach Blog at <https://blog.turtlebeach.com>. Fans can also follow Turtle Beach on Facebook, Twitter, and Instagram. For more details about NXP, please visit [www.nxp.com](http://www.nxp.com).

### **About Turtle Beach**

Turtle Beach ([www.turtlebeach.com](http://www.turtlebeach.com)) is a leading gaming audio and accessory brand, offering a wide selection of cutting-edge, award-winning gaming headsets. Whether you're a professional esports athlete, hardcore gamer, casual player, or just starting out, Turtle Beach has the gaming headset to help you truly master your skills. Innovative and advanced technology, amazing high-quality gaming audio, crystal-clear communication, lightweight and comfortable designs, and ease-of-use are just a few features that make Turtle Beach a fan-favorite brand for gamers the world over. Designed for Xbox, PlayStation®, and Nintendo consoles as well as for PC, Mac®, and mobile/tablet devices, owning a Turtle Beach gaming headset gives you the competitive advantage. Hear Everything. Defeat Everyone®. In 2019 Turtle Beach acquired ROCCAT, a leading PC accessories maker that combines detail-loving German innovation with a genuine passion for designing the best PC gaming products. Turtle Beach's shares are traded on the Nasdaq Exchange under the symbol: HEAR.

NXP, Coolflux, and the NXP logo are trademarks of NXP B.V. Arm and Cortex are trademarks or registered trademarks of Arm Limited (or its subsidiaries) in the US and/or elsewhere. The related technology may be protected by any or all of patents, copyrights, designs and trade secrets. All other product or service names are the property of their respective owners. All rights reserved. © 2019 NXP B.V.