

New Product Announcement

Mouser Electronics Now Shipping NXP's NXH3670 Wireless Gaming Headphone Solution for High-Performance Audio Streaming

April 3, 2019 – [Mouser Electronics](http://www.mouser.com), Inc., the New Product Introduction (NPI) leader empowering innovation, is now stocking the [NXH3670](#) wireless gaming headphone solution from [NXP® Semiconductors](#). The [ultra-low-power](#) single-chip device is a 2.4 GHz wireless transceiver with an embedded microcontroller and a proprietary [audio](#) streaming protocol to create a solution for gaming headset applications. The NXH3670 is Bluetooth Low Energy 4.2 certified and supports applications that require low-latency audio streaming.

The [NXP NXH3670](#) wireless gaming headphone solution, available from Mouser Electronics, integrates an Arm® Cortex®-M0 microcontroller with NXP's CoolFlux® digital signal processor (DSP) core and hardware accelerators to support audio processing for streaming performance. Ideal for applications requiring reduced battery size and extended performance time, the device boasts industry-low power consumption of just 8.5 mW during audio streaming. The NXH3670 runs a proprietary audio streaming protocol optimized for gaming headset applications to provide high-quality forward audio streaming at low latency of less than 20 ms. The device also supports a simultaneous 16 kHz microphone backchannel and a bidirectional wireless data channel.

The NXH3670 is available in a compact 34-bump, 7.25 × 7.25 mm WLCSP package ideal for space-constrained audio applications including gaming and communication headsets, wireless speakers, and wireless microphones.

To learn more, visit www.mouser.com/nxp-nxh3670-solution.

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