



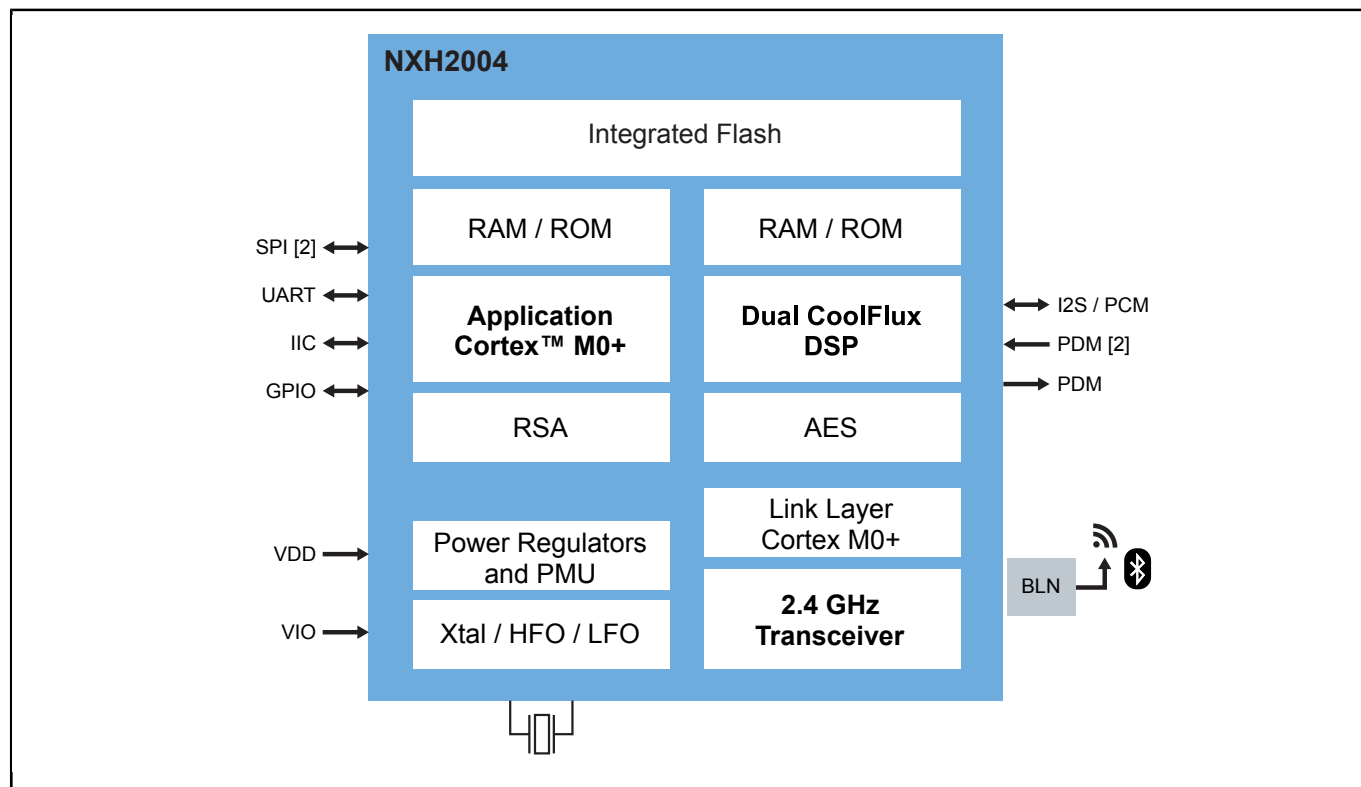
# Ultra-Low Power Hearing Aid SoC Solution over Bluetooth® LE Audio

## NXH2004

Last Updated: Dec 23, 2025

The NXH2004 is a tiny 9.1 mm<sup>2</sup> Bluetooth 5.3 LE Audio SoC solution for hearing aids and enables Auracast™. It includes support for MFi (Made for iPod/iPhone/iPad) and ASHA (Audio streaming for Hearing Aids), along with HAP (Hearing Access Profile). The device includes dual core audio DSP and flash. Integrated with ultra-low power radio, the NXH2004 provides extended battery lifetime and can run directly from a ZnAir battery. Combined with a PMIC, the NXH2004 provides a cost-effective solution within a small solution area required for Li-ion-based devices.

## NXH2004 Block Diagram



View additional information for [Ultra-Low Power Hearing Aid SoC Solution over Bluetooth® LE Audio](#).

**Note:** The information on this document is subject to change without notice.

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