



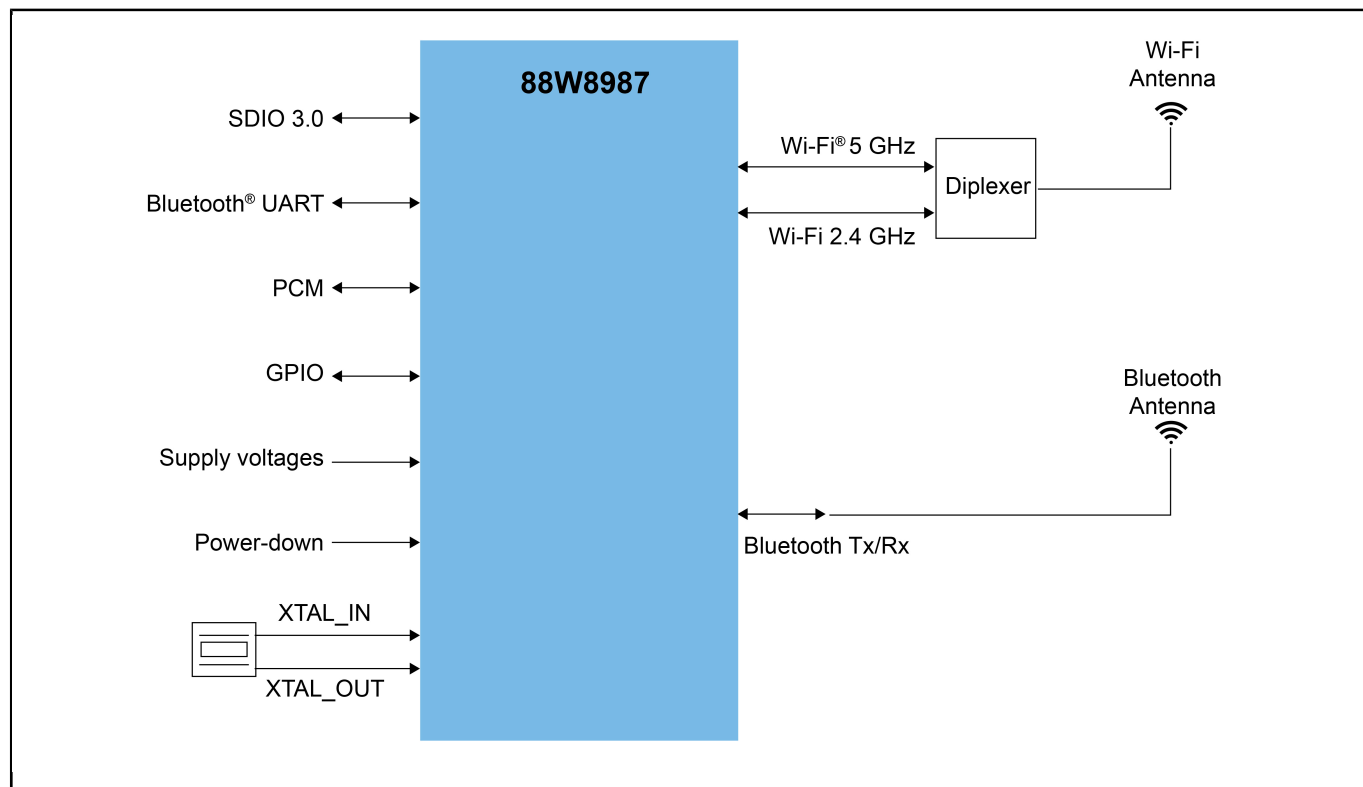
# **88W8987 (Automotive): 2.4/5 GHz Dual-Band 1x1 Wi-Fi® 5 (802.11ac) + Bluetooth® 5.2 Solution**

## **88W8987A**

Last Updated: Oct 21, 2025

The 88W8987 automotive wireless SoC is a highly integrated IEEE 802.11ac (wave2) transceiver and Bluetooth 5.2 single-chip foot print compatible combo solution, specifically designed to support the speed, reliability and quality requirements for automotive applications. Further, this device meets the challenges of high-temp environments by being AEC-Q100 Grade 3 (-40°C to 85°C) qualified. The device includes integrated front end resulting in low external component cost.

## 88W8987 (automotive) application diagram Block Diagram



View additional information for [88W8987 \(Automotive\): 2.4/5 GHz Dual-Band 1x1 Wi-Fi® 5 \(802.11ac\) + Bluetooth® 5.2 Solution](#).

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

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