



# Wi-Fi® 5 1x1 Concurrent Dual Wi-Fi (CDW) and Bluetooth® 5.3 Combo SoC

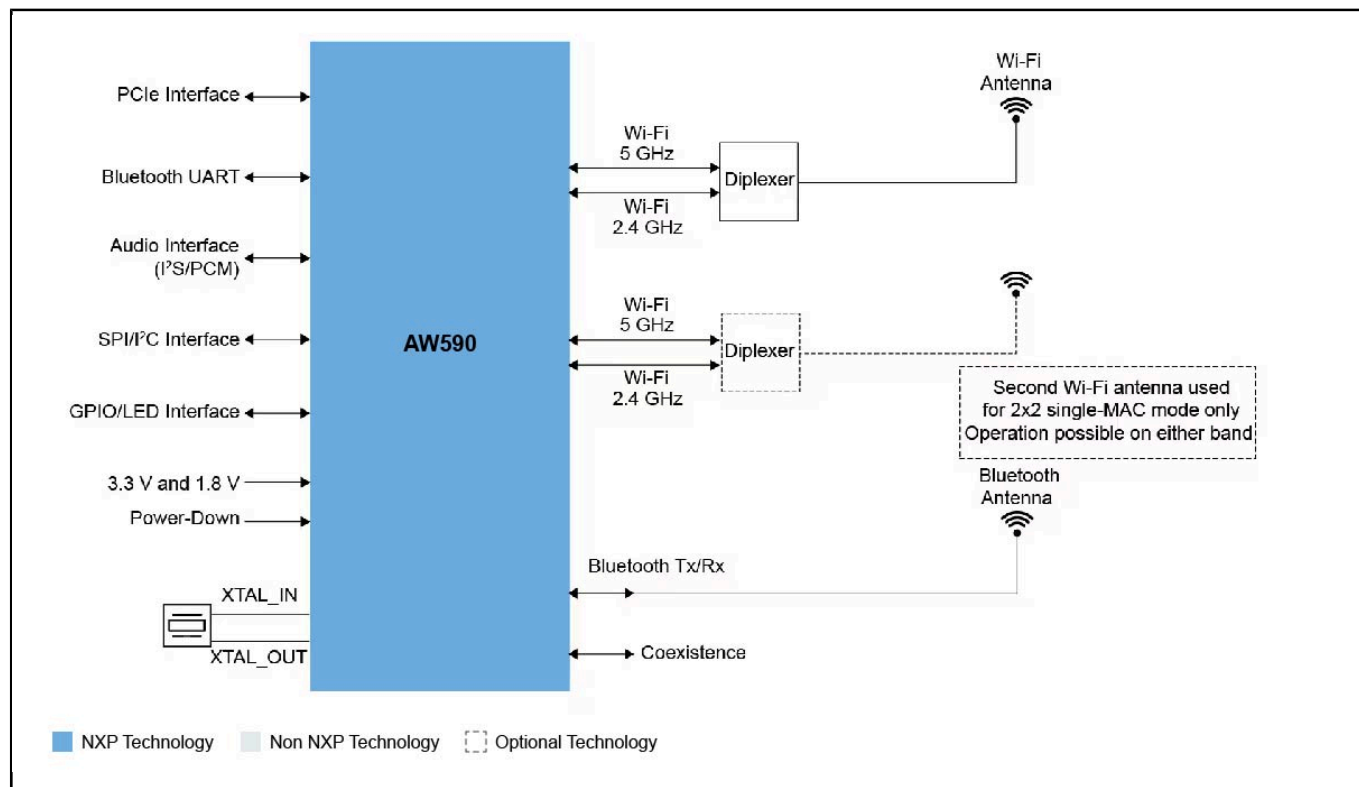
**AW590** NEW

**Active**

Last Updated: Apr 16, 2025

The AW590 is a highly integrated Wi-Fi 5 device enabling concurrent dual Wi-Fi (CDW) and Bluetooth 5.3 operation. Supporting a 1x1 CDW Wi-Fi configuration in both the 2.4 GHz and 5 GHz bands, and 2x2 MIMO single-band operation, the system-on-chip (SoC) provides a peak data rate of 867 Mbit/s and implements advanced features including MU-MIMO.

## Application block diagram (internal PA/LNA/SW) Block Diagram



View additional information for [Wi-Fi® 5 1x1 Concurrent Dual Wi-Fi \(CDW\) and Bluetooth® 5.3 Combo SoC](#).

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

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