



8 Feb 2025

Letter of Declaration

Based on FCC CIIPC and IC CIIPC programs, the company “8devices, UAB” resubmits a new certificate for QCN5152, based on the existing certified product, QCN5052.

Qualcomm Technologies hereby declares that the QCN5152 and QCN5052 are pin-to-pin and chip-to-chip compatible. However, a program change is made to disable certain features for the QCN5052. The feature set and RF performance are identical between the two chips, with the following exceptions:

Chipset Models	Description of Change
QCN5052	Intended for commercial temperature range, for 5GHz band (20/40/80MHz bandwidth)
QCN5152	Intended for industrial temperature range, for 4.9GHz band (5/10MHz bandwidth) and 5GHz band (20/40/80MHz bandwidth)

The QCN5152 is a highly integrated, 5 GHz access point RFIC that supports 802.11ax WLAN operation delivering high Tx linearity and high receiver sensitivity.

- Single chip RFIC for 802.11ax/ac/a/n/p standard with Qualcomm® 802.11ac and 802.11ax technology
- 5/10/20/40/80 MHz channel bandwidth modes
- Integrates 5 GHz LNAs and DAs
- Reference clock between master chip and slave chip
- WLAN host interface: WSI 2.0
- 1024-QAM modulation support
- 96 MHz crystal/48 MHz crystal
- 100-pin, 8 mm x 8 mm DRQFN package

Sincerely,

Simon Brand

Senior Director, Product Management
WIN Business Unit
Qualcomm Technologies, Inc.