

WLAN8101C: 5 GHz Wi-Fi 6 Front-end Module

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Overview

PREPRODUCTION

The WLAN8101C is a 5 GHz 2 x 2 MIMO RFFE for IEEE802.11a/n/ac/ax applications in a 3 mm x 4 mm package.

The WLAN8101C includes two monolithic front-end ICs. Each front-end IC has an integrated power amplifier, a low noise amplifier with bypass functionality and a single pole double throw (SPDT) switch.

WLAN8101C also includes coexistence filters for both transmit and receive channels.

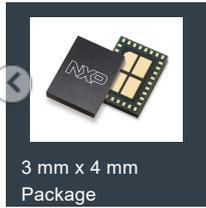
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Features

- Small-size 2 x 2 MIMO RFFE (radio frequency front end) module for IEEE802.11a/n/ac/ax applications
- Integrated power amplifiers with multiple operation modes for dynamic power efficiency and linearity control
- Full high band 5150 MHz to 5925 MHz
- Integrated low noise amplifiers supporting high gain and bypass modes
- Integrated SPDT switches for single antenna RX and TX operation

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3 mm x 4 mm Package



NXP WLAN / Wi-Fi-6
Front end ICs

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