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Wi-Fi 7 FEM 65571

High Power Linear 5 GHz Front-End Module

Product Overview

The DC-RF Wi-Fi 7 FEM 65571 is a high-power, linear Front-End Module designed for IEEE 802.11be (Wi-Fi 7) communication architectures. Operating in the 5.15–5.85 GHz band, this module integrates RF front-end functionality for compact wireless system designs and is optimized for high linearity performance in EHT160 applications.

Key Features

Feature	Description
Frequency Range	5.15–5.85 GHz
Wireless Standard	Optimized for Wi-Fi 7 / IEEE 802.11be
Output Performance	16.0 dBm MCS13 EHT160 @ -45 dB DEVM
Performance Category	High Power, Linear
Architecture	Integrated RF Front-End Module for compact WLAN system integration

Key RF Specifications

Typical performance at room temperature (25°C).

Electrical Specifications

Note: Specifications are preliminary and subject to change without notice.

Parameter	Specification / Condition
Operating Frequency	5.15–5.85 GHz
Performance Category	High Power, Linear
MCS13 / EHT160 / DEVM	16.0 dBm @ -45 dB DEVM
Wireless Standard	Wi-Fi 7 / IEEE 802.11be
Application Band	5 GHz WLAN front-end applications
