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Wi-Fi 6 FEM 62218

High Power 2.4 GHz Front-End Module

Product Overview

The DC-RF Wi-Fi 6 FEM 62218 is a high-power Front-End Module designed for IEEE 802.11ax (Wi-Fi 6) communication architectures. Operating in the 2.4–2.5 GHz band, this module integrates RF front-end functionality for compact wireless system designs and is optimized for high output power performance in HE40 applications.

Key Features

Feature	Description
Frequency Range	2.4-2.5 GHz
Wireless Standard	Optimized for Wi-Fi 6 / IEEE 802.11ax
Output Performance	21.0 dBm HE40 MCS11 @ -43 dB DEVM
Performance Category	High Power
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	2.4–2.5 GHz
Performance Category	High Power
HE40 / MCS11 / DEVM	21.0 dBm @ -43 dB DEVM
Wireless Standard	Wi-Fi 6 / IEEE 802.11ax
Application Band	2.4 GHz WLAN front-end applications
