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Wi-Fi 6 FEM 65755

High Performance 5 GHz Front-End Module

Product Overview

The DC-RF Wi-Fi 6 FEM 65755 is a high-performance Front-End Module designed for IEEE 802.11ax (Wi-Fi 6) 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 HE160 applications.

Key Features

Feature	Description
Frequency Range	5.15–5.85 GHz
Wireless Standard	Optimized for Wi-Fi 6 / IEEE 802.11ax
Output Performance	21.0 dBm HE160 MCS11 @ -40 dB DEVM
Performance Category	High Performance
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 Performance
HE160 / MCS11 / DEVM	21.0 dBm @ -40 dB DEVM
Wireless Standard	Wi-Fi 6 / IEEE 802.11ax
Application Band	5 GHz WLAN front-end applications
