



iCana® Enters Wi-Fi Networking Market with Family of Front-End Modules for Wi-Fi® 7 and Wi-Fi® 8 Applications

Taipei, TAIWAN, Wednesday September 10, 2026

iCana, a fabless RF component supplier for wireless telecommunications, today announced the debut of its first family of Wi-Fi Front-End Modules (FEMs) for Wi-Fi 7 and Wi-Fi 8 applications, featuring three new FEMS covering 2.4 GHz, 5 GHz, and 6 GHz bands.

This product launch marks iCana's formal entry into the Wi-Fi networking market, expanding the company's footprint beyond 5G wireless infrastructure into high-performance Wi-Fi front-end solutions for access points, wireless routers, residential gateways, and customer-premises equipment (CPE).

As global Wi-Fi 7 deployments continue to expand throughout 2026, and early Wi-Fi 8 solutions begin to emerge, iCana's family of linear FEMs is well-positioned for refresh cycles, cost-optimized platforms, and future Wi-Fi 8 releases. As industry consolidation continues to reshape the supplier landscape, iCana provides networking equipment manufacturers with an additional source of high-performance Wi-Fi FEM solutions.

"Our entry into the Wi-Fi 7 FEM market reflects iCana's commitment to dependable, power-efficient RF solutions for broadband and networking equipment vendors," says **Dr. Jachen Hsieh, Chief Executive Officer (CEO) at iCana**. "With these FEMs, customers can extend their Wi-Fi 7 roadmaps with confidence while preparing for the introduction of Wi-Fi 8."

iCana's new family of Wi-Fi FEMs feature high output power (27+ dBm at MCS0) and are compliant with key Wi-Fi 7 (IEEE 802.11be) and Wi-Fi 8 (802.11bn) features, including support for all three worldwide frequency bands, wide bandwidths (40 MHz at 2.4 GHz, 160 MHz at 5 GHz, and 320 MHz at 6 GHz), and high-linearity low-EVM performance supporting 4K-QAM.

Each FEM integrates a power amplifier (PA), low-noise amplifier (LNA), T/R switch, coupler and power detector in a compact, 16-pin 3×3 mm² package that is pin compatible within the product family and with competitive alternatives. iCana's Wi-Fi 7 and 8 Linear FEM family includes the following high performance FEMs:



ICAWF2101: 2.4 – 2.5 GHz Wi-Fi 7 and Wi-Fi 8 Linear Front-End Module

Integrated PA, LNA, T/R switch, coupler, and power detector. 3×3 mm² QFN.
Supports EHT40 and 4K QAM



ICAWF5101: 5.1 – 5.9 GHz Wi-Fi 7 and Wi-Fi 8 Linear Front-End Module

Integrated PA, LNA, T/R switch, coupler, and power detector. 3×3 mm² QFN.
Supports EHT160 and 4K QAM



ICAWF6101: 5.9 – 7.1 GHz Wi-Fi 7 and Wi-Fi 8 Linear Front-End Module

Integrated PA, LNA, T/R switch, coupler, and power detector. 3×3 mm² QFN.
Supports EHT320 and 4K QAM



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Sample Availability:

- **ICAWF2101:** Customer samples October 2026
- **ICAWF5101:** Customer samples October 2026
- **ICAWF6101:** Customer samples Q4 2026

iCana will present its new family of Wi-Fi FEMs at **Network X in Vienna from October 13-15, Booth H63**. Stop by our booth to learn more about this product family and iCana’s plans for the future of Wi-Fi networking and more!

Contact us to learn more at contact@icana-rf.com, or visit our website at www.icana-rf.com.

About iCana

With headquarters in Taiwan, iCana Limited is a global provider of high-performance RF semiconductor ICs with focused solutions for 5G wireless infrastructure, Wi-Fi networking, and emerging wireless applications.

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