



## Skyworks Introduces Expanded Wi-Fi 7 Portfolio with Next-Generation, High-Efficiency and High-Performance Front-End Modules and Filters

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**Skyworks to Showcase Wi-Fi®, IoT, Massive MIMO and Data Center Solutions at Network X, Pavilion 7.3, Booth A5**

PARIS--(BUSINESS WIRE)--Oct. 14, 2025-- Skyworks Solutions, Inc. (Nasdaq: SWKS), a global leader in high-performance analog and mixed-signal semiconductors, today introduced the expansion of its Wi-Fi 7 portfolio. Skyworks' new comprehensive lineup of front-end modules (FEMs) and bulk acoustic wave (BAW) filters are designed to enhance range and coverage across 2.4 GHz, 5 GHz, and 6 GHz bands.

Skyworks' Gen 2 FEMs have been validated across leading SoC platforms. Skyworks' Full-band filters are the industry's only solution that allow simultaneous operation over the 5.170~5.895GHz and 5.945-7.125GHz bands with only one filter per band.

Through its proprietary architecture, Skyworks strives to deliver front-end modules and filters that combine high linearity at high power to enable systems to deliver more content at higher speeds over larger coverage areas. These next-gen FEMs strike a balance by delivering faster speeds at further range, while delivering higher throughput at the maximum output power available.

"Skyworks provides Wi-Fi 7 solutions that deliver performance where it matters most," said Herman Eiliya, vice president of Wi-Fi connectivity solutions at Skyworks. "Our Gen 2 FEMs and Full-band filters are engineered to maximize throughput and range while minimizing latency, giving our customers a competitive edge so they can build smarter, faster, and more efficient wireless systems."

Skyworks offers full RF front-end solutions, enabling greater flexibility and performance across all Wi-Fi bands. The Full Band technology enables access points to operate across the full 5GHz spectrum, including UNI 1-4, and the full 6GHz spectrum, including UNI 5-8. Skyworks filters allow systems to utilize every band to the edge, unlocking the full potential of modern Wi-Fi standards.

### Key Features

#### Filters

- **Full-band Filtering:** SKY85922-11 and SKY85923-11 are the only filters that offer simultaneous transmit and receiver (STR) performance across the full 5GHz and 6GHz bands
  - Enabling use of every channel up to the band edge with no signal fallout. The inclusion of UNI 1-4 enables Channel 163, a high power, non-DFS, 160MHz channel, bringing the total number of available 160MHz channels to three

#### Front-End Modules

- **Lower Power Consumption:** Gen 2 FEMs can operate down to a VCC of 3.15V, lowering power dissipation while maintaining performance
- **High Output Power:** Supports up to 36dBm EIRP for high-performance mesh deployments. Support for Channel 163, enabling higher output power, lower FEM supply voltage, and simplified mesh deployments with just one filter
- **Nonlinear FEMs:** Nonlinear FEMs are designed to operate with DPD systems enhancing range and throughput while maintaining lower power consumption.
- **Broad SoC Compatibility:** Supports all major Wi-Fi SOC solutions
- **Compact Form Factors:** Available in 3x3mm and 3x5mm MCM packages
- **Complete Portfolio:** FEMs and filters cover 2GHz, 5GHz, and 6GHz bands

#### Availability

Samples are available now for customer design. For more information, please visit [https://www.skyworksinc.com/Wi-Fi7\\_Portfolio](https://www.skyworksinc.com/Wi-Fi7_Portfolio) or contact your Skyworks sales representative. Skyworks will be showcasing its Wi-Fi, IoT, Massive MIMO, and data center solutions at Network X, Pavilion 7.3, Booth A5.

#### About Skyworks

Skyworks Solutions, Inc. is empowering the wireless networking revolution. We are a leading developer, manufacturer and provider of analog and mixed-signal semiconductors and solutions for numerous applications, including aerospace, automotive, broadband, cellular infrastructure, connected home, defense, entertainment and gaming, industrial, medical, smartphone, tablet and wearables.

Skyworks is a global company with engineering, marketing, operations, sales and support facilities located throughout Asia, Europe and North America and is a member of the S&P 500® market index (Nasdaq: SWKS). For more information, please visit Skyworks' website at: [www.skyworksinc.com](http://www.skyworksinc.com).

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Any forward-looking statements contained in this media alert are intended to qualify for the safe harbor from liability established by the Private

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**Media Relations:**

Constance Griffiths  
(949) 230-4867

[Constance.Griffiths@skyworksinc.com](mailto:Constance.Griffiths@skyworksinc.com)

**Investor Relations:**

Raji Gill  
(949) 508-0973

[Raji.Gill@skyworksinc.com](mailto:Raji.Gill@skyworksinc.com)

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