



SKYWORKS®

Enhance Wi-Fi® 7 Range, Speed, and Coverage with High Power RF Front-end Modules

Wi-Fi® 7 is the next generation of wireless technology that will transform the online experience. With Wi-Fi 7, users attain blazing-fast speeds, ultra-low latency, and seamless connectivity in any environment. Whether streaming, gaming, video conferencing, or using AR/VR, Wi-Fi 7 will deliver unparalleled performance and reliability.

New front-end modules from Skyworks are designed for the 2.4 GHz, 5 GHz, and 6 GHz bands and offer high power, high efficiency, and high linearity, essential for Wi-Fi 7 applications.

[skyworksinc.com](https://www.skyworksinc.com)

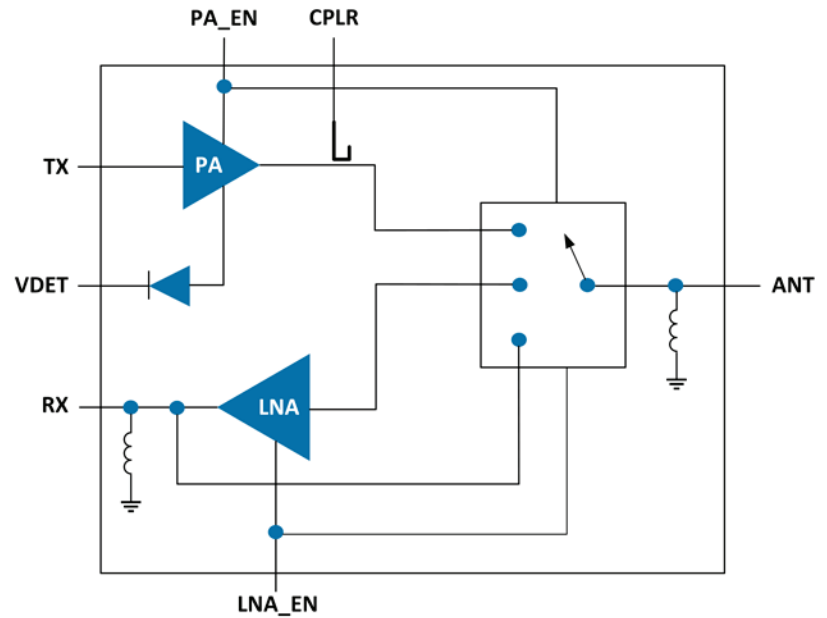
Featured Products

SKY8535x and SKY8579x

High-Power Front-end Modules for Wi-Fi® 7 Applications

Features

- Integrated high-performance PA, LNA with bypass, T/R switch, and coupler
- Logarithmic power detector provides closed-loop control within the system
- LNA and PA enable/disable control ensures low leakage current in standby mode
- Fully matched input and output
- Compact surface-mount packages streamline production processes
- SKUs qualified for major Wi-Fi 7 (802.11be) SoCs



Part Number	Description	Package
SKY85355-11	2.4 GHz Skyworks ICE™ technology high-power front-end module	24-pin, 3 x 5 mm MCM
SKY85358-11	2.4 GHz high-power front-end module	16-pin, 3 x 3 mm LGA
SKY85795-11	6 GHz high-power front-end module	24-pin, 3 x 5 mm MCM
SKY85797-11	5 GHz high-power front-end module	16-pin, 3.0 x 3.0 mm MCM
SKY85798-11	6 GHz high-power front-end module	16-pin, 3.0 x 3.0 mm MCM
SKY85799-11	5 GHz high-power front-end module	24-pin, 3 x 5 mm MCM