

New Product Announcement

Mouser Electronics Now Stocking Qorvo's QPF4219 Integrated Front-End Modules for Wi-Fi 5 Designs

August 15, 2019 – [Mouser Electronics](http://www.mouser.com), Inc., the industry's leading New Product Introduction (NPI) distributor with the widest selection of semiconductors and electronic components, is now stocking the [QPF4219](#) front end module (FEM) from [Qorvo](#)[®]. Designed for [Internet of Things](#) (IoT) systems based on Wi-Fi[®] 5 (802.11ac), the 2.4 GHz FEM offers a compact form factor and integrated matching to minimize layout area in applications such as [wireless](#) routers, residential gateways, and access points.

[Qorvo's QPF4219](#) FEM, available from Mouser Electronics, integrates a 2.4 GHz power amplifier (PA), regulator, single-pole double-throw (SPDT) switch, low noise amplifier (LNA) with bypass mode, and voltage power detector into a single device. The device focuses performance on optimizing the PA for a 5V supply voltage by conserving power consumption while maintaining the highest linear output power and exceptional throughput. The QPF4219 maximizes receive (Rx) sensitivity through a 1.9 dB noise figure performance that is consistent over a variety of conditions. The device also includes integrated die-level filtering for second and third harmonics as well as 5 GHz rejection for dual-band dual-concurrent (DBDC) operation.

To learn more about the associated fully tested and assembled QPF4219EVB01 evaluation board, go to www.mouser.com/qorvo-qpf4219evb01-eval-board. For more information on the QPF4219 FEM, visit www.mouser.com/qorvo-qpf4219-integrated-fem.

With its broad product line and unsurpassed customer service, Mouser strives to empower innovation among design engineers and buyers by delivering advanced technologies. Mouser stocks the world's widest selection of the latest semiconductors and electronic components for the newest design projects. Mouser Electronics' website is continually updated and offers advanced search methods to help customers quickly locate inventory. Mouser.com also houses data sheets, supplier-specific reference designs, application notes, technical design information, and engineering tools.

About Mouser Electronics

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About Qorvo

Qorvo makes a better world possible by providing innovative Radio Frequency (RF) solutions at the center of connectivity. The company combines product and technology leadership, systems-level expertise and global manufacturing scale to quickly solve customers' most complex technical challenges. Qorvo serves diverse high-growth segments of large global markets, including advanced wireless devices, wired and wireless networks and defense radar and communications. The company also leverages unique competitive strengths to advance 5G networks, cloud computing, the Internet of Things, and other emerging applications that expand the global framework interconnecting people, places and things.

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