

New Product Announcement

Now at Mouser: Qorvo QPF7219 Wi-Fi Integrated Front End with edgeBoost for Broader Wi-Fi 6 Coverage

March 16, 2020 – [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 [QPF7219](#) integrated front end module (iFEM) from [Qorvo](#)®. Providing reliable, whole-home coverage when designed into Wi-Fi 6 (802.11ax) systems, the QPF7219 iFEM combines Qorvo's advanced bulk acoustic wave (BAW) filter technology with its unique edgeBoost™ capability to almost double Wi-Fi range and triple capacity to handle more devices.

The [Qorvo QPF7219](#) Wi-Fi 6 iFEM, available from Mouser Electronics, integrates a 2.4 GHz power amplifier (PA) optimized for a 5 V supply voltage, which saves power while maintaining high linear output power. The BAW filter's [edgeBoost](#) capability maximizes output power at channels close to the band edge, achieve excellent throughput across all Wi-Fi channels 1–11 without needing to reduce transmit power to meet FCC regulatory limits.

The module also includes a bypassable low noise amplifier, regulator, and transmit-receive switch. The device offers 5 GHz rejection for dual-band dual-concurrent (DBDC) operation, as well as integrated die-level filtering for second and third harmonics.

The QPF7219 iFEM is ideal for a range of connectivity solutions, including wireless routers, access points, residential gateways, Wi-Fi customer premises equipment, and [Internet of Things](#) (IoT) applications. For development, Mouser also stocks the [QPF7219EVB-01](#) evaluation board.

To learn more, visit <https://www.mouser.com/new/qorvo/qorvo-qpf7219-wifi-integrated-fems/>.

As an authorized distributor, Mouser Electronics is focused on the rapid introduction of new products and technologies, giving customers an edge and helping speed time to market. Over 800 semiconductor and electronic component manufacturers count on Mouser to help them introduce their products into the global marketplace. Mouser's customers can expect 100% certified, genuine products that are fully traceable from each manufacturer.

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

Mouser Electronics, a Berkshire Hathaway company, is an award-winning, authorized semiconductor and electronic component distributor focused on rapid New Product Introductions from its manufacturing partners for electronic design engineers and buyers. The global distributor's website, Mouser.com, is available in multiple languages and currencies and features more than 5 million products from over 800 manufacturers. Mouser offers 27 support locations around the world to provide best-in-class customer service and ships globally to over 630,000 customers in 223 countries/territories from its 750,000 sq. ft. state-of-the-art facility south of Dallas, Texas. For more information, visit www.mouser.com.

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. Visit www.qorvo.com to learn how Qorvo connects the world.

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