

For Immediate Release

Mouser Electronics Signs Global Agreement to Distribute Virtual Antenna Solutions from Fractus Antennas

March 2, 2020 – [Mouser Electronics](http://www.mouser.com), Inc., the authorized global distributor with the newest semiconductors and electronic components, announces a global distribution agreement with [Fractus Antennas](http://www.fractusantennas.com). Through the agreement, Mouser is now stocking a range of Fractus Antennas' chip antenna solutions, including Virtual Antenna™ (mXTEND™) and Xtend™ devices for cellular, wireless, [Internet of Things](http://www.internetofthings.com) (IoT) applications.

Fractus Antennas' [mXTEND](http://www.mxtend.com) chip antenna boosters are based on Virtual Antenna™ technology, owned by Fractus Antennas. The technology is designed to replace conventional antenna solutions for off-the-shelf, standardized, and miniature antenna booster components.

Available in a variety of shapes, sizes, and functions, the mXTEND solutions provide GPS, 3G, 4G, 5G, NB-IoT, LoRa, Wi-Fi, and Sigfox performance in wireless device applications such as IoT, smartphones, smart watches, sport navigators, wearables, tablets, digital cameras, and handsets. For development of the mXTEND antenna solutions — such as RUN mXTEND™ for high performance in IoT devices, or TRIO mXTEND™, a multiport antenna component that covers GNSS and mobile simultaneously — Mouser also stocks [mXTEND evaluation boards](http://www.mouser.com/mxtend-boards).

Fractus Antennas' [Micro Reach Xtend and Slim Reach Xtend](http://www.fractusantennas.com/micro-reach-xtend) devices are examples of small chip antennas for use in devices that operate in the 2.4 GHz ISM band. The Micro Reach Xtend antenna combines small size and reduced clearance area (7.0 mm × 3.0 mm × 0.9 mm) with high performance and integration flexibility. Taking advantage of the space-filling properties, this monopole antenna is ideal for highly scattered indoor environments and small consumer electronics devices.

The Slim Reach Xtend is a tiny (4.1 mm × 2.0 mm × 1.0 mm) rectangular chip antenna suitable for small headset devices with *Bluetooth*® and other 2.4 GHz wireless standards. Its broad bandwidth ensures high-quality signal reception and transmission across wireless devices and different plastic housings, regardless of how a user positions the devices.

To learn more, visit <https://www.mouser.com/manufacturer/fractus-antennas/>.

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 Fractus Antennas

Barcelona-based Fractus Antennas SL designs, manufactures and commercializes miniature, off-the-shelf antennas for IoT, mobile connectivity and short-range wireless devices. Founded as an independent antenna product business in 2015, Fractus Antennas was born out of the main Fractus operation and combines a respected R&D team with proven manufacturing capabilities and scale to bring to market a new generation of antenna products to meet the mobile and wireless connectivity needs of OEMs.

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