

## New Product Announcement

# Now at Mouser: Laird Connectivity's Pinnacle 100 Series Modem for Combined Bluetooth 5 and Cellular IoT Applications

July 27, 2020 – [Mouser Electronics](http://www.mouser.com), Inc., the authorized global distributor with the newest semiconductors and electronic components, is now stocking the new [Pinnacle 100](#) cellular modem from [Laird Connectivity](#). The multi-wireless modem combines the benefits of *Bluetooth*® 5 technology with low-power cellular LTE connectivity in a single, fully integrated solution. Fully certified for radio regulatory, cellular and network carrier purposes, the Pinnacle 100 modem is an ideal [low-power](#) solution for battery-operated devices operating at the edge of [Internet of Things](#) (IoT) applications. The modem is also suitable for connected home, predictive maintenance, retail, [security](#), and environmental monitoring applications.

The [Laird Connectivity Pinnacle 100](#) cellular modem, available from Mouser Electronics, features an onboard Arm® Cortex®-M4F core, full Bluetooth 5 and LTE-M/NB-IoT capabilities, and the Zephyr Real-Time Operating System (RTOS). The versatile modem offers antenna flexibility for designers, supporting integrated and external options and external options. The Zephyr RTOS speeds up the application design process while reducing bill of materials costs, enabling new use cases using long-range Bluetooth-enabled [sensors](#). The highly integrated Pinnacle 100 modem also simplifies common activities such as configuring and creating an LTE connection in a product by using a mobile application on a smartphone.

Mouser also stocks the [Pinnacle 100 development kit](#), which offers a platform for rapid Bluetooth Low Energy and cellular connectivity prototyping. The comprehensive kit includes a development board, nano SIM card with prepaid data, power supply, Bluetooth Low Energy-enabled sensor tag, antenna options, cables, and hardware. The kit also includes access to a complete cloud demo environment.

The Pinnacle 100 modem is fully certified to FCC, IC, CE, and Bluetooth SIG, as well as PTCRB and GCF, with AT&T, Verizon, and Vodafone end device-certification pending.

To learn more about the Laird Connectivity Pinnacle 100 cellular modem, visit <https://www.mouser.com/new/laird-connectivity/laird-pinnacle-100-modem/>.

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 1 million sq. ft. state-of-the-art facilities south of Dallas, Texas. For more information, visit [www.mouser.com](http://www.mouser.com).

### **About Laird Connectivity**

Laird Connectivity simplifies the enablement of wireless technologies with market-leading wireless modules and antennas, integrated sensor and gateway platforms, and customer-specific wireless solutions. Laird Connectivity's best-in-class support and comprehensive engineering services help reduce risk and improve time-to-market. When you need unmatched wireless performance to connect electronics with security and confidence, Laird Connectivity delivers - no matter what.

### **Trademarks**

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