



## New Product Announcement

### Now at Mouser: Texas Instruments' IWR6x mmWave 60GHz–64GHz Sensors for Industrial Radar Systems

**August 25, 2020** – [Mouser Electronics](#), Inc., the industry's leading New Product Introduction (NPI) distributor with the widest selection of semiconductors and electronic components, is now stocking the new [IWR6x](#) mmWave sensors from [Texas Instruments](#) (TI). Providing unprecedented levels of integration and on-chip processing capabilities, the 60 GHz – 64 GHz sensors allow engineers to integrate mmWave technology into a broad range of factory automation, radar, [robotics](#), and building automation designs.

The [TI IWR6x](#) mmWave sensors, available from Mouser Electronics, are integrated single-chip frequency-modulated continuous-wave (FMCW) radar sensors built on TI's 45 nm RFCMOS process. The sensors offer ultra-high-resolution [sensing](#) and can detect objects, humans, and subtle motions, including breathing and typing. The sensors offer up to 4 GHz of ultra-wide bandwidth, detecting objects up to 16 times more accurately than 24 GHz narrowband solutions. The IWR6843 sensor incorporates a C674x DSP for advanced signal processing.

The IWR6x mmWave sensors feature application-specific algorithms, scalable software, and several reference designs, allowing developers to quickly begin creating high-performance sensor solutions. The sensors are optimized for use in industrial settings, supporting key applications such as motion detection, robotics, people counting, vital sign monitoring, and safety guarding. The sensors are also ideal for low power, ultra-accurate, self-monitored [industrial](#) radar systems.

To learn more about the IWR6x mmWave 60GHz to 64GHz Sensors from Texas Instruments, visit <https://www.mouser.com/new/texas-instruments/ti-mmwave-iwr6x-sensors/>.

As an authorized TI distributor, Mouser Electronics offers the broadest portfolio of the newest Texas Instruments semiconductor solutions, adding new products every day. Mouser 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).

### **Trademarks**

Mouser and Mouser Electronics are registered trademarks of Mouser Electronics, Inc. All other products, logos, and company names mentioned herein may be trademarks of their respective owners.

– 30 –

Further information, contact:

Kevin Hess, Mouser Electronics  
Senior Vice President of Marketing  
(817) 804-3833  
[Kevin.Hess@mouser.com](mailto:Kevin.Hess@mouser.com)

For press inquiries, contact:

Kelly DeGarmo, Mouser Electronics  
Manager, Corporate Communications and Media Relations  
(817) 804-7764  
[Kelly.DeGarmo@mouser.com](mailto:Kelly.DeGarmo@mouser.com)