



## New Product Announcement

### Now at Mouser: Analog Devices' ADRV9026 Quad-Channel Wideband RF Transceiver for Cellular Infrastructure Applications

**April 23, 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 [ADRV9026](#) quad-channel wideband RF transceiver from [Analog Devices](#), Inc. The compact, [low-power](#) 4T4R solution for cellular base transceiver station (BTS) remote radio units (RRU) meets the high performance requirements of cellular infrastructure applications, including massive multiple in/multiple out (mMIMO), small cell, and macro 3G/4G/5G systems.

The highly integrated design of the [Analog Devices ADRV9026](#) transceiver, available from Mouser Electronics, reduces footprint, increasing form factor flexibility for radio unit design projects. The ADRV9026 transceiver supports up to 200 MHz receive bandwidth and covers frequencies from 650 MHz to 6 GHz. The device features four independently controlled differential 450 MHz transmitters and four independently controlled receivers, along with integrated synthesizers, filters, and digital signal processing functions to create a highly advanced transceiver solution.

With a 50 percent reduction in power consumption over previous generations, the transceiver enables increased radio density to support higher antenna count and supports open radio access network (ORAN) small cell designs at lower cost and system power. The transceiver's common platform design for 3G/4G/5G systems helps to reduce costs and complexity across multiple applications, and its flexible design also enables modular architecture for scalable radio solutions.

For development, Mouser also stocks the complete [ADRV9026 evaluation system](#), consisting of the ADS9-V2EBZ FPGA carrier board and ADRV9026-HB/PCBZ (2.8 GHz to 6 GHz) and ADRV9026-MB/PCBZ (650 MHz to 2.8 GHz) radio cards. The radio cards provide a 4x4 transceiver platform for device evaluation, including all the peripherals necessary for each radio card to operate, including a separate high-efficiency power circuit board. The system comes with compatible evaluation software available for download, including API library, Windows GUI, and a binary image for FPGA configuration.

To learn more, visit <https://www.mouser.com/new/analog-devices/adi-adrv9026-transceiver/>.

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](http://www.mouser.com).

### **About Analog Devices**

Analog Devices is a leading global high-performance analog technology company dedicated to solving the toughest engineering challenges. We enable our customers to interpret the world around us by intelligently bridging the physical and digital with unmatched technologies that sense, measure, power, connect and interpret. Visit <http://www.analog.com>.

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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)