

## New Product Announcement

# Analog Devices ADF437x Synthesizers, Now at Mouser, Offer Wide Frequency Ranges for Next-Gen RF and mmWave Designs

**September 17, 2019** – [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 [ADF4371 and ADF4372](#) microwave wideband synthesizers from [Analog Devices](http://www.analog.com) Inc. The ADF4371 delivers one of the highest frequency synthesizers in the industry today, offering the widest continuous RF output range available — 62 MHz to 32 GHz — while the ADF4372 operates at 62 MHz to 16 GHz for designs that do not require the higher frequency.

[Analog Devices' ADF4371 and ADF4372](#) microwave wideband synthesizers, available from Mouser Electronics, consist of a phase-locked loop (PLL) with fully integrated voltage-controlled oscillators (VCOs), low-dropout regulators (LDOs), and tracking filter technology. The devices feature the industry's lowest jitter (36 fs at 10 GHz) and facilitate the implementation of high-resolution fractional-N or integer-N PLL frequency synthesizers when used with an external loop filter and an external reference source.

The compact, 7 mm × 7 mm synthesizers offer the bandwidth, smaller board space footprint, increased reliability, low noise, and increased clocking range and flexibility to complement a wide range of [RF applications](#) such as wireless infrastructure equipment (multicarrier global system for mobile communication (MC-GSM; 5G), [test equipment](#) and instrumentation, [clock generation](#), and aerospace and defense-based designs. For development, the devices are supported by corresponding [evaluation boards](#) and an [SDP-S Controller Board](#), also available from Mouser.

To learn more about the ADF4371 and ADF4372 microwave wideband synthesizers, visit [www.mouser.com/adi-adf4371-microwave-synthesizer](http://www.mouser.com/adi-adf4371-microwave-synthesizer).

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 750 manufacturers. Mouser offers 26 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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