# PRESS RELEASE

**IQD Frequency Products introduces the IQRB-4, a 5 V rubidium oscillator**

**IQD adds 5 V atomic clock to its portfolio**

Waldenburg (Germany), 18 January 2021 – The new IQRB-4 bridges the gap between the 12 V powered IQRB-1, IQRB-2 and IQRB-3 and the recently released 3.3 V powered ICPT-1.

IQD, a subsidiary of the Würth Elektronik eiSos Group, has been active in the frequency products market for over 45 years and in recent years developed its know-how to specialize in the field of atomic clocks. The company has invested in its design and technical measurement capabilities at its head office in the UK, which also acts as the center of excellence for frequency products within the Wurth Elektronik eiSos Group. This means that customers and interested parties can be offered the maximum possible service that IQD and Wurth eiSos are widely known for. This service combined with excellent quality and reliability makes IQD the best choice for rubidium atomic clocks.

The IQRB-4 offers very good short term and long term stability as well as good phase noise, all combined in a compact package of only 50.8 x 50.8 x 25 mm. In addition to the 5 V supply voltage, the IQRB-4 comes with a standard CMOS signal output. This is ideal for most applications, as they require a CMOS signal anyway.

The IQRB-4 is perfectly suited as a stand-alone time reference, for example for communication applications or in network structures. In addition, atomic clocks are an important component of smart and autonomous networks, as well as everywhere where exact time and phase synchronization is required.

More information about the IQRB-4 and the other Rubidium oscillators can be found at [www.iqdfrequencyproducts.com](http://www.iqdfrequencyproducts.com). For further questions, please feel free to contact our sales and support teams at any time.

**Available images**

The following images can be downloaded from the Internet in printable quality: [http://www.htcm.de/kk/wuerth](http://www.htcm.de/kk/wuerth/?lang=en)

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| Image source: IQD**IQRB-4, IQD’s new 5 V atomic clock** |

About IQD

Backed by over 40 years’ experience in the manufacture of frequency products, IQD is a recognised market leader in the frequency control market and part of the Würth Elektronik eiSos Group, one of the leading European manufacturers of passive components. With active customers in over 80 countries, IQD offers one of the most comprehensive frequency product ranges available, from low cost commercial grade product to that used in high reliability industrial and automotive applications including: Quartz Crystals, Clock Oscillators, AEC-Q200 Crystals & Oscillators, VCXOs, TCXOs, OCVCSOs & OCXOs, GPS Disciplined OCXOs, and Rubidium Oscillators.

Further info at [www.iqdfrequencyproducts.com](http://www.iqdfrequencyproducts.com)

About the Würth Elektronik eiSos Group

Würth Elektronik eiSos Group is a manufacturer of electronic and electromechanical components for the electronics industry and a technology company that spearheads pioneering electronic solutions. Würth Elektronik eiSos is one of the largest European manufacturers of passive components and is active in 50 countries. Production sites in Europe, Asia and North America supply a growing number of customers worldwide.

The product range includes EMC components, inductors, transformers, RF components, varistors, capacitors, resistors, quartz crystals, oscillators, power modules, Wireless Power Transfer, LEDs, sensors, connectors, power supply elements, switches, push-buttons, connection technology, fuse holders and solutions for wireless data transmission.

The unrivaled service orientation of the company is characterized by the availability of all catalog components from stock without minimum order quantity, free samples and extensive support through technical sales staff and selection tools.

Through its technology partnership with the Audi Sport ABT Schaeffler Formula E Team and its support for the Formula Student racing series, the company demonstrates its innovative strength in eMobility
(www.we-speed-up-the-future.com).

Würth Elektronik is part of the Würth Group, the world market leader for assembly and fastening technology. The company employs 7,300 staff and generated sales of 822 million euros in 2019.

Würth Elektronik: more than you expect!

Further information at www.we-online.com

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