



News Release

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JonDeTech CEO Dean Tasic tells us a little more about JIRS40, the packaged IR sensor launched on February 1, 2023

Why is JIRS40 being launched now?

We choose to bring in JIRS40 as this product is packaged and thus enables sales to a broader customer base than other products in our current portfolio.

What does it mean that JIRS40 is a packaged solution?

The fact that a sensor element is in a packaged solution means that it is assembled with other electronic components needed to output a signal that can then be used in various applications. A packaged sensor element is easier to design into end products, for example, door locks, headphones, or other products. It is also easier to handle as, for example, clean room capacity is not needed, and thus a more extensive customer base can be addressed by JonDeTech, compared to a sensor element.

The JIRS40 is based on an external sensor element where JonDeTech's patented solutions and algorithms give the packaged sensor the properties required to enter the end customers' products.

Which products are now in the portfolio?

JIRS30 is an IR sensor element based on nanotechnology.

The product is proprietary, and 100 percent developed by JonDeTech. The product is under development and is expected to be commercially launched in 2023. Working Samples have been achieved, and the product will be available to customers for evaluation shortly.

JIRS10 is an IR sensor element based on silicon technology.

The product is partially designed by JonDeTech and is available to order today.

As previously communicated, the packaging of JIRS10 is underway with a partner in Taiwan.

The packaged sensor, which we call **JIRS10_TPP**, will mean better opportunities for JonDeTech to win business.

JIRS40 is a packaged IR sensor element based on silicon technology.



How do JIRS10, JIRS30, and JIRS40 differ?

The similarity between the products in the portfolio is that they all provide functionality for detecting infrared radiation. In addition, all products are manufactured in a "fabless model," which means that production is outsourced to companies specialized in the respective type of production.

All products have different characteristics and performances. This means that when creating an application (e.g., presence detection in door locks) that needs the functionality of detecting IR radiation, all three products can be evaluated, and the customer can thus choose the JonDeTech product that fits best, based on price, performance, form factor and more, in the specific application being created.

A broad product portfolio creates better conditions for new customer dialogues, which is very important in the long run and gives us better opportunities to quickly reach out with our self-developed sensor when it reaches the market.

For more information, please contact:

Dean Tasic, CEO JonDeTech, phone: +46 73 994 85 70, mail: dean.tasic@jondetech.com

About JonDeTech

JonDeTech is a supplier of sensor technology. The company markets a portfolio of IR sensor elements based on proprietary nanotechnology and silicon MEMS. The nanoelements are extremely thin, built-in flexible plastic, and can be manufactured in high volumes at a low cost, which opens up for a variety of applications, such as temperature and heat flow measurements, presence detection, and gas detection. The company is listed on Nasdaq First North Growth Market. Redeye is the company's Certified Adviser. Read more at www.jondetech.se or see how the IR sensor works at www.youtube.com/watch?v=2vEc3dRsDq8.