

PRESS RELEASE



Insight SiP RF module goes into space with Thomas Pesquet

RF ISP130301 module is used by European Space Agency during the six-month Proxima mission.

Sophia Antipolis, France – 12 July 2017 - [Insight SiP](#), the leading developer of Radio-Frequency (RF)-based ultra-miniature wireless modules for integration into microchips is pleased to announce that its RF ISP130301 module went into space as a key component of the BodyCap e-Tact® wearable device used by the European Space Agency (ESA) as part of its health monitoring programme.

Insight SiP's RF module acted as a miniature radio transmitter in the BodyCap e-Tact® wearable device to wirelessly connect the e-Tact® smart sensor worn by French astronaut Thomas Pesquet to the e-Tact® device as he performed his duties on-board the International Space Station (ISS). The e-Tact® device continuously measured Mr Pesquet's movements, his body temperature and orientation.

"We're thrilled to hear about our modules going into orbit" says Nick Wood, Insight SiP President "This is a perfect illustration of how our modules set the benchmark for quality in what must be the most demanding environment one can imagine".

The ISP130301 is the perfect balance of power and performance at a competitive price for your Bluetooth Low Energy (BLE) Applications. Based on Nordic Semiconductor's nRF51 chip, it is one of the smallest BLE / Bluetooth Smart modules on the market, at a size of only 8 x 11 x 1.2 mm. Power consumption is excellent, and with integrated crystals and DC-DC converter, this product offers the ideal choice for customers wanting to balance cost and sophistication.

BodyCap recently launched the e-Tact® wearable device, a highly innovative solution for monitoring human activity and providing diagnostic information on diseases. This miniature patch continuously monitors human activity, body tilt and temperature and can have a strong added value for patients suffering cancer, diabetes, obesity, sleep disorders, ...

This type of application is part of the wave of "Medicine 2.0" applications, which combine continuous monitoring, and leverage the power of big data to provide early warning of health issues whilst offering the patient access and control over their own data. The e-Tact® 's functions go beyond medical care. It can be used in a broader range of applications such as fitness and sport, ergonomics, military and many more.

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About Insight SiP

[Insight SiP](http://www.insightsip.com) is the leading developer of Radio Frequency (RF) System-in-Package (SiP) and Antenna-in-Package (AiP) modules. It develops these RF-based ultra-miniature wireless modules for integration into microchips, enabling wireless communications between connected devices in applications including telecom and mobile computing, portable consumer devices, healthcare, automotive – connected cars, industrial and IoT. Insight SiP designs client-specific SiP and AiP modules as well as offering an off-the-shelf range of Bluetooth Low Emission (BLE) RF modules. Insight SiP is based in Sophia Antipolis, France and celebrated its 10th year anniversary in 2016. Its website is at <http://www.insightsip.com>

Press contacts

For further information, photos of the ISP130301 modules/e-Tact® in Space, interviews or to meet Insight SiP and/or BodyCap, please contact:

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