

Press Release

EBV Elektronik, RoodMicrotec and Fraunhofer Institute for Integrated Circuits Announce Cooperation

Cooperation focuses on production and marketing of Fraunhofer IIS ready-to-use chip IP

Munich/Poing, 4th March 2019 - EBV Elektronik, an [Avnet](#) company (Nasdaq: [AVT](#)), RoodMicrotec and Fraunhofer Institute for Integrated Circuits IIS announce their cooperation in the production and marketing of Fraunhofer IIS ready-to-use chip IP.

Since last year's embedded world, EBV has been working on its EBVchips startup support platform. This tool enables EBV to support IC driven startups within the EBVchips program, and to offer marketing and sales services for new IC technologies. Partnering with Fraunhofer IIS, which is one of the world's leading application-oriented research institutions for microelectronic and IT system solutions and services, will allow Fraunhofer IIS to use EBVchips as marketing and sales platform. This cooperation will be accomplished through a cooperation with RoodMicrotec, the leading independent European company for Semiconductor Supply and Quality Services, which will perform turnkey manufacturing services for the EBVchips.



(f.l.t.r.) Juergen Hupp (Fraunhofer IIS, Head of Communication Networks Department) / Slobodan Puljarevic (EBV Elektronik, President) / Josef Sauerer (Fraunhofer IIS, Head of Division Smart Sensing & Electronics) / Reinhard Pusch (RoodMicrotec GmbH, COO)

"We are very delighted about this cooperation between EBV Elektronik, RoodMicrotec and Fraunhofer IIS. Startups in the IC technology area will have the opportunity to benefit from the expertise and knowledge of these three companies in this high-growth sector," said Frank-Steffen Russ, Director Vertical Markets at EBV Elektronik.

With the news of this cooperation, two new EBVchips are being announced:

RFicient[®] Basic, Ultra-Low-Power WakeUp Receiver - this IC solution will enable customers to optimize the power consumption for various IoT applications thereby increasing battery lifetime dramatically.

s-net[®] – this module solution is based on ST Micro's 'Spirit' RF transceiver (S-NET-MOD-868-AM1) and enables customer to build extreme low power nodes in IoT Mesh networks.

Photo (from left to right): Juergen Hupp (Fraunhofer IIS, Head of Communication Networks Department) / Slobodan Puljarevic (EBV Elektronik, President) / Josef Sauerer (Fraunhofer IIS, Head of Division Smart Sensing and Electronics) / Reinhard Pusch (RoodMicrotec GmbH, COO)

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About EBV Elektronik

EBV Elektronik, an Avnet (NASDAQ:AVT) company, was founded in 1969 and is the leading specialist in European semiconductor distribution. EBV maintains its successful strategy of personal commitment to customers and excellent services. 240 Technical Sales Specialists provide a strong focus on a selected group of long-term manufacturing partners. 120 continuously trained Application Specialists offer extensive application know-how and design expertise. With the EBVchips Program, EBV, together with its customers, defines and develops new semiconductor products. Targeted customers in selected growth markets will be supported by the Vertical Sales Segments. Warehouse operations, complete logistics solutions and value-added services such as programming, taping & reeling and laser marking are fulfilled by Avnet Logistics, EBV's logistical backbone and Europe's largest service centre. EBV operates from 65 offices in 29 countries throughout EMEA (Europe – Middle East – Africa). For more information about EBV Elektronik, please visit www.ebv.com. Further information about Avnet is available via www.avnet.com.

About Fraunhofer IIS:

Fraunhofer-Gesellschaft is the leading organization for applied research in Europe. Its research activities are conducted by 72 institutes and research units at locations throughout Germany. Fraunhofer-Gesellschaft employs a staff of 25,000, who work with an annual research budget totalling more than 2.3 billion euros. Fraunhofer Institute for Integrated Circuits IIS is one of the world's leading application-oriented research institutions for microelectronic and IT system solutions and services. It is the largest of all Fraunhofer Institutes. Fraunhofer IIS develops, implements and optimizes processes, devices and equipment until they are ready for use and for the market. Flexible interlinking of expertise and capacities enables us to meet extremely broad project requirements and complex system solutions.

About RoodMicrotec

RoodMicrotec provides full-turnkey ASIC services for complex microchips that are customised to handle specific applications for individual customers. RoodMicrotec's turnkey solution includes project management, wafer test, assembly, final test, qualification, logistics and failure analysis. Its flexible business model also allows customers to choose each service individually, based on their special needs. All services comply with the industrial and quality requirements of the high reliability, aerospace, automotive, healthcare and industrial sectors.

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