

Avnet Abacus and EBV Elektronik supporting leading industrial customers to bring Single Pair Ethernet to market

Both distributors are supporting system and product development of single-pair Ethernet solutions for industrial IoT and process automation applications

Brussels, Belgium, and Poing, Germany, 7th April, 2022: Avnet Abacus and EBV Elektronik, which are both part of [Avnet](#) (NASDAQ: [AVT](#)), today announced their respective support to help customers with the development of ‘Single Pair Ethernet’ (SPE) technology.

Avnet Abacus is one of Europe’s leading interconnect, passive, electro-mechanical and power distributors and is a regional business unit of Avnet; and EBV Elektronik is the leading specialist in European semiconductor distribution and is an Avnet company.

Single Pair Ethernet, or SPE, is an important emerging technology that can contribute to converged end-to-end data communications in the industrial IoT (IIoT) and Industry 4.0 paradigm. In addition to enabling the seamless flow of Ethernet packets between field devices and factory enterprise-level equipment to provide enhanced process control, the technology offers further advantages including lighter and more flexible cables with lower space requirement and assembly costs than that required by conventional multi-pair Ethernet cabling.

Both Avnet companies have been supporting automation and IIoT customers in their SPE product development activities and are at the forefront of driving and supporting activities and initiatives in the SPE arena. For example, Avnet Abacus and EBV Elektronik are members of the SPE System Alliance and the SPE Industrial Partner Network, respectively, which are two major industry initiatives that have been created to support the development of the ecosystem and standards – and specifically the connector interface for industrial and process automation – to help the greater penetration of the technology across the target applications and markets.

“The combination of Avnet Abacus and EBV offers a unique proposition for industrial automation customers,” said Karl Lehnhoff, Director Segment Industrial, Scientific & Medical at EBV Elektronik. “Not only can we offer a

well-developed ecosystem of suppliers and products from connector and cables to passives, semiconductors and PHY devices, but also the ability to advise customers comprehensively and provide high levels of support to meet SPE challenges as they arise.”

“Working with either EBV or Avnet Abacus means customers will always receive the full picture with information and assistance on all the challenges relating to SPE, regardless of their possible connection to either of the two industry consortiums,” added Alfons Brombierstaeudl, Senior Area Technical Manager Interconnect & Electromechanical at Avnet Abacus. “Automation engineers will have all the necessary building blocks via the Avnet one-stop shop to bring SPE into their application and quickly to market.”

About Avnet Abacus

Avnet Abacus is a pan-European demand creation distributor specialising in interconnect, passive, electromechanical, power supply and battery products. Avnet Abacus’ extensive product range and exceptional line card is supported by a team of over 50 product specialists based across Europe, delivering technical expertise and technology focused initiatives. Avnet Abacus is a regional business unit of Avnet, (NASDAQ:AVT), with European headquarters in Belgium (Avnet Europe Comm. VA). For more information, visit: www.avnet-abacus.eu or follow us on http://www.twitter.com/Avnet_Abacus

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.

About Avnet

Avnet is a global technology solutions provider with an extensive ecosystem delivering design, product, marketing and supply chain expertise for customers at every stage of the product lifecycle. We transform ideas into intelligent solutions, reducing the time, cost and complexities of bringing products to market. For nearly a century, Avnet has helped its customers and suppliers around the world realize the transformative possibilities of technology. Learn more about Avnet at www.avnet.com.

Legal Disclaimer:

All brands and trade names are trademarks or registered trademarks, and are the properties of their respective owners. Avnet disclaims any proprietary interest in marks other than its own.

Media Contact

Anja Woithe

Senior PR Manager Avnet EMEA

Anja.woithe@avnet.eu

+49 (0) 8121 774 459