

## **Avnet Abacus to host online engineering masterclass series on power conversion**

*Webinar series will feature knowledge and insights from some of the industry's top power management experts*

**Brussels, Belgium, 15<sup>th</sup> March, 2021:** Avnet Abacus, one of Europe's leading interconnect, passive, electro-mechanical and power distributors and a regional business unit of [Avnet](#) (NASDAQ: [AVT](#)), is to host a series of live webinars addressing the various trade-offs and challenges currently faced by power engineers. They will provide valuable insights into dealing with acute power system pressures relating to standards compliance, adherence to size and weight constraints, maximising conversion efficiency levels, improving operational reliability, keeping bill-of-materials costs down and meeting deadlines.

Hosted by Avnet Abacus' resident power specialist, Andrew Hutton, and scheduled to take place every two weeks between 18 March and 27 May, the six live 30-minute online engineering masterclasses, will feature expert insights from specialists at some of the world's leading power supply manufacturers. To register for the live webinars, visit [the Masterclass Hub](#).

The sessions will examine the latest technologies and industry standards, identify the key considerations and trade-offs, and provide advice on how to achieve reliable, efficient power supply designs for use across multiple markets and applications. The schedule is as follows:

- Power supply design for safety (18 March) - [Artesyn Embedded Power](#) will explain how safety guideline changes will affect future designs implementations.
- 7 key power supply considerations for EV charging systems (30 March) - [MEAN WELL](#) will discuss power supply integration, specifically focussing on AC chargers and eScooter charging platforms.
- EMI requirements and filter design for railway applications (15 April) - [Murata Power](#) will talk about EN 50155 EMI standards compliance and filter design considerations when designing DC-DC converters into rail applications.
- Powering 5G RU amplifiers: LDMOS & GaN compatible power solutions (29 April) - [FLEX Power](#) will describe the challenges and requirements of powering 5G infrastructure.

- Modular power supplies: What, why and how? (13 May) - [Excelsys](#) will provide some tips and tricks for designing modular, configurable power supplies.
- Power design challenges for laser cutting applications (27 May) - [Bel Power Solutions](#) will look at how to achieve reliable power system designs within extremely harsh operational environments.

As well as being able to attend the live webinars by registering [here](#) all of the sessions will be available on-demand afterwards.

Avnet Abacus offers a comprehensive portfolio of [power conversion products](#) from the world's top manufacturers, for use in a wide range of end markets, including industrial, healthcare, transportation, lighting, and defence. It has a team of power engineers located across Europe to support customers with product selection and design.

## 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 BV). For more information, visit: [www.avnet-abacus.eu](http://www.avnet-abacus.eu) or follow us on [http://www.twitter.com/Avnet\\_Abacus](http://www.twitter.com/Avnet_Abacus)

## About Avnet

As a leading global technology distributor and solutions provider, Avnet has served customers' evolving needs for an entire century. We support customers at each stage of a product's lifecycle, from idea to design and from prototype to production. Our unique position at the center of the technology value chain enables us to accelerate the design and supply stages of product development so customers can realize revenue faster. Decade after decade, Avnet helps its customers and suppliers around the world realize the transformative possibilities of technology. Learn more about Avnet at [www.avnet.com](http://www.avnet.com).

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