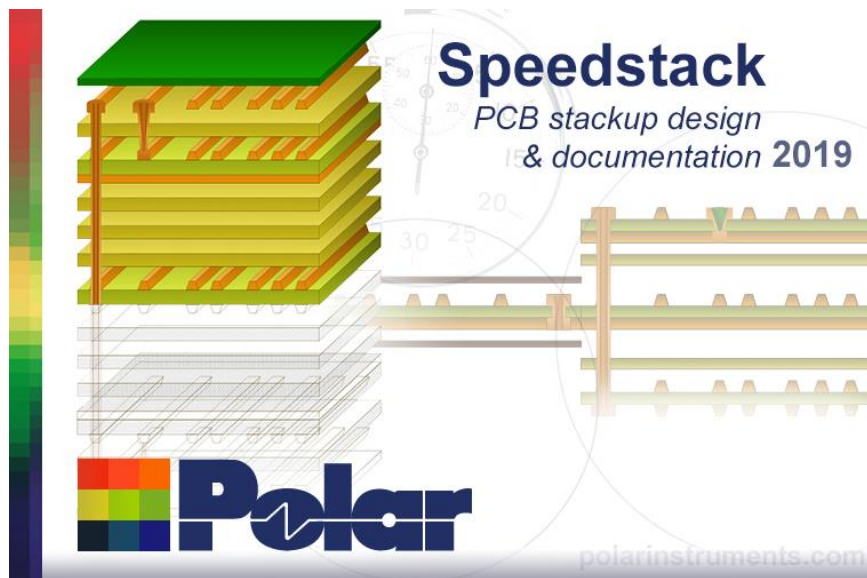


Polar enhances Speedstack Si fully integrated insertion loss field solver

Visit us at IPC Apex Expo Booth 337

- **Live online base material library links directly with Speedstack**
- **Two way connection with Si9000e insertion loss solver**
- **Easy to select and download by material family**
- **On-premise library for Defense / Aerospace customers**
- **Rapidly add newly released materials to your existing library**



Polar Instruments - a specialist provider of tools for PCB design, fabrication and test – announces a further enhancement for Speedstack Si at IPC Apex Expo. Speedstack Si 2019 edition now contains an integrated insertion loss field solver using Polar’s industry standard BEM calculation engine – which lets the user both design and add comprehensive insertion loss graphs and stackup specification into Speedstack’s professional report package.

“Having a built in Polar field solver in Speedstack as well as a seamless connection to the industry standard Si9000e insertion loss solver adds significant capability for the fabricator and PCB technologist working with multi GHz designs,” explains Lupita Maura, Product specialist at Polar Instruments, Inc. “One of the key strengths of the Speedstack system is its ability to accurately document detailed specifications for each layer in a PCB stackup. By providing both graphical

insertion loss data and live link to regularly updated material libraries the liaison between the design specification authority and the PCB fabricator is simplified and the communication path enhanced.”

Speedstack is part of a suite of Signal integrity and documentation tools from Polar, enabling OEM PCB specifiers and fabricators to accurately communicate layer stackup and associated signal integrity requirements. Polar Impedance and Insertion loss field solvers, along with Impedance and Insertion loss test systems connect with Speedstack to close the loop between specifying, test vehicle generation, modeling and measurement.

You can experience Speedstack for yourself by contacting your local Polar office.

polarinstruments.com or visit us at IPC Apex Expo Booth 337 further product information and technical tips are on the Polar YouTube channel www.youtube.com/polarinstruments

=====

Polar Instruments is a market leader in designing and manufacturing tools to simplify and enhance the design, fabrication documentation and testing of printed circuit boards (PCBs). Polar's innovative tools include the industry standard Controlled Impedance Test System (CITS) which provides the global PCB industry with an easy to use test system for high-speed digital and RF boards, as well as class-leading tools for fast and accurate design and testing of controlled impedance in PCBs. Polar also leads the industry in tools for PCB layer stackup design and documentation. Established in 1976 Polar has operations and channel partners in the US, UK, Europe and Asia Pacific. The Polar logo and pixelated strip are copyright Polar Instruments Ltd.

polarinstruments.com

Editorial Contact:

Martyn Gaudion –

E: Martyn.Gaudion@polarinstruments.com

T: +44 23 9226 9113 #405