

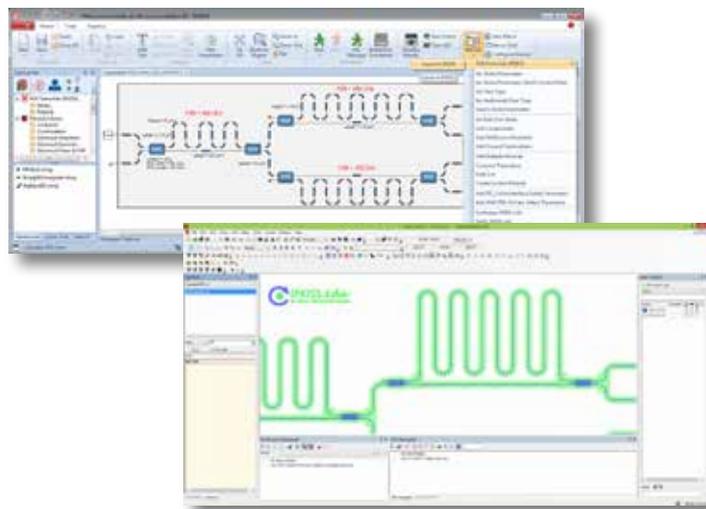
## Press Information

# VPIphotonics and Luceda Photonics announce integration of their tools for photonic circuit simulation and layout design

Berlin, Sep 15 2016

Driven by customer demands, especially with focus on Silicon Photonics, VPIphotonics and Luceda Photonics teamed up to develop means for automated export of photonic circuit designs from *VPIcomponentMaker Photonic Circuits* to *IPKISS.eda* for layout design and mask generation.

The interface was developed with special attention to high flexibility and easy customization, thus allowing fast implementation of fab-specific IPKISS-based photonic Process Design Kits on circuit and layout design levels.



*VPIcomponentMaker Photonic Circuits* enables a convenient, accurate and fast design flow for developing large-scale and heterogeneous photonic integrated circuits (PICs) consisting of hundreds of passive photonic, active optoelectronic, and electronic elements. It seamlessly integrates time- and frequency-domain simulation methods. The convenient and powerful graphical user interface provides efficient means for automated parameter sweeps, design optimizations, and tolerance and yield analysis.

*IPKISS.eda 3.1* for Tanner L-Edit by Mentor Graphics brings the reliability and yield from Python-scripted design now inside a professional, easy-to-use EDA environment. It offers a complete framework for the design and the design management of integrated photonics chips, including physical and circuit simulations, mask design, fabrication and DRC.

Interested users of *VPIcomponentMaker Photonic Circuits* or *IPKISS.eda* can approach VPIphotonics or Luceda Photonics teams for more information and live demonstrations of this new functionality.

## About VPIphotonics

VPIphotonics sets the industry standard for end-to-end photonic design automation comprising design, analysis and optimization of components, systems and networks. We provide professional simulation software addressing demands in integrated photonics and fiber optics, optical transmission links and networks. Our team of experts performs design services addressing customer-specific requirements, and delivers training courses on adequate modeling techniques and advanced software capabilities. Our award-winning off-the-shelf and customized solutions are used extensively in research and development, and by product design and marketing teams at hundreds of corporations worldwide. Over 160 academic institutions joined our University Program enabling students, educators and researchers an easy access to VPIphotonics' latest modeling and design innovations.

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For further information, please visit us at [www.VPIphotonics.com](http://www.VPIphotonics.com).

## About Luceda Photonics

Luceda Photonics wants photonic IC engineers to enjoy the same first-time-right design experience as electronic IC designers. Luceda Photonics' tools and services are rooted in over 50 years of experience in photonic integrated circuit (PIC) design. The team's expertise in the development of process design kits (PDK) and the design and validation of photonic integrated circuits is used by several research institutes and industrial R&D teams worldwide.

For further information, please visit us at [www.lucedaphotonics.com](http://www.lucedaphotonics.com).



**VPIphotonics.com**

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