



For immediate release

VLC Photonics promotes TriPleX™ photonic integration platform with special offerings in Photonics West 2015!

Valencia (Spain), January 15th 2015 – VLC Photonics, through its partnership with the dutch photonic chip manufacturer LioniX, is promoting the manufacturing of photonic integrated circuits (PICs) in the TriPleX™ technology platform. As part of this promotion, industrial customers will get a 100% price discount on VLC's design service for deals developed during Photonics West 2015 and February, for PIC designs to be included in LioniX's next Multi-Project Wafer (MPW) run scheduled on May 2015. Companies interested in this offering should contact VLC Photonics directly through their MPW Standard Design Service at <http://www.vlcphotonics.com/mpw> with Special Promotion Code "PW2015", or visit VLC Photonics and LioniX at the Dutch Pavilion booth 5001 on the North Hall D during Photonics West 2015!

Optical integration allows for the miniaturization of any optical system into a photonic chip, with the corresponding gains in size and weight. Moreover, it allows for a drastic increase in complexity, as tens or hundreds of optical components can be embedded to work reliably together without caring for a precise alignment or strict cleanliness. Additionally, the cost of any optical integrated system also scales down with the number of produced units, allowing for similar cost reductions as those achieved with integrated electronics.

VLC Photonics has partnered with LioniX to offer an easy and straight-forward way to access their TripleX integration platform. This technology, composed of a monolithic dielectric substrate, allows for very low-loss propagation (< 0.5 dB/cm at 1550 nm) and spot-size converters to interface with optical fibers. The waveguides are designed for single polarization (TE) applications to operate from 405 nm to 2350 nm, making them very suited candidates not only for telecoms, but also for biophotonic and sensing applications. Moreover, the platform also includes specialty devices like heaters (allowing for tuning or modulation functionality), or proprietary building blocks developed by VLC Photonics, like arrayed waveguide gratings for wavelength filtering and multiplexing, multimode interference couplers, delay lines, etc.

"LioniX's technology offers low loss and wide spectrum. VLC's promotion is to raise awareness on such an amazing technology with unprecedented performance, enabling myriads of applications" Iñigo Artundo, CEO for VLC Photonics said.

About VLC Photonics S.L.

VLC Photonics is a fabless design house which provides optical integration solutions and services. Its expertise in design of photonic components in multiple technology platforms, like Silicon photonics, Indium Phosphide, PLC or TriPleX™, together with more than a decade long expertise in optical telecoms and sensing systems, guarantee the optimal implementation of any photonic functionality on chip. VLC Photonics counts with an extensive network of foundries and packagers, and this experience with its partners allows VLC Photonics to lower the development time, cost and risk of any integration project.

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