

## Vietnam Co-packaged Photonics QSFP



### Overview

Industry Event: Co-Packaged Optics and Silicon Photonics for Data Center Applications.



## Vietnam Co-packaged Photonics QSFP



CPO solutions by ASMPT enable high-speed data and energy-efficient Co-Packaged Optics packages—optimize electronics and photonics integration now.



Co-packaged optics can help mitigate signal integrity and power consumption problems, both of which introduce new test issues. At the heart of a switch lies a specialized application-specific integrated ...



EE World discussed trends and tradeoffs in co-packaged optics and silicon photonics resulting from the rising data demand that AI thrusts upon us.



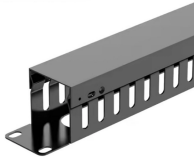
Silicon photonics is now a well-established technology and market for optical transceivers. In 2021, more than 9 million silicon photonic transceivers were shipped for datacenters.



In this paper, we demonstrate a record energy efficient uncooled QSFP ELS which exhibits a record PCE of 14.3 % at a housing temperature of 55 °C.



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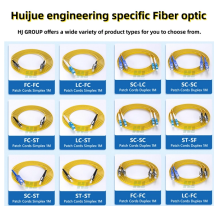
Vietnam's photonics sector is on a strong upward trajectory, with sustained double-digit growth in key segments and new investment flowing into advanced areas such as quantum photonics.



We have factories in both Shenzhen and Vietnam. We consistently launch new products with high performance, low power consumption, and competitive prices. These are supported by our strong ...



The Vietnam QSFP and QSFP+ Transceiver Market is segmented based on key factors such as product type, application, end-user, and distribution channel.



This section mainly discusses 2D/2.5D/3D silicon photonic co-packaging module developed by IMECAS, 2D MCM photonic module package issues, and the challenges of silicon photonic wafer-level ...



We designed and fabricated an ELS for the CPO, which employed a QSFP housing widely employed in the optical transceiver, and a newly developed uncooled 8-channel TOSA and control circuitries.

## Contact Us

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