

Swedish QSFP-DD optical module LPO

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Overview

The STC-40028 from Swedish Telecom Opto's LPO Series is a high-performance 800 Gb/s QSFP-DD SR8 optical transceiver optimized for short-reach, high-bandwidth data-centre and AI workloads. Utilizing Linear Pluggable Optics (LPO) architecture, the module operates without a DSP, leveraging host ASIC. QSFP-DD LPO TRANSCEIVER DESIGNED FOR PCIE® GEN 5. QSFP-DD (Quad Small Form-Factor Pluggable Double Density) transceivers double the number of high-speed electrical interfaces in QSFP to achieve 400G Ethernet speeds – and double them again to reach 800G. As a Quad Small Form-factor Pluggable Double Density (QSFP-DD) solution that fits into high-density switch and router client ports for optical interconnect links Powered by Greylock and Delphi DSP ASICs, and silicon photonic integrated circuits (PICs) for an optimized co-packaged design with 3D. Eoptolink QSFP-DD 800G LPO transceivers are compliant to the latest releases of the QSFP-DD800 MSA. We offer transceivers for VR8, 2xDR4, 2xVR4, 2xFR4 interfaces. Our vertical integration for optical engines enables leading performance and per.

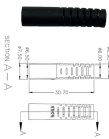
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Amphenol's QSFP-DD Linear Pluggable Optical (LPO) Transceiver delivers low-latency, high-bandwidth PCIe[®] Gen 5.0 over optical link, enabling scalable server disaggregation and ...



Our vertical integration for optical engines enables leading performance and per consumption.



Smartoptics QSFP-DD transceivers provide cost-efficient 400G and 800G optical networking. QSFP-DD (Quad Small Form-Factor Pluggable Double Density) ...



Introducing our 800G LPO QSFP-DD800, a pinnacle in high-speed connectivity. Infused with Linear-Drive Technology, it transforms short-range, high-bandwidth, low-power, and low-latency applications.



Powered by Greylock and Delphi DSP ASICs, and silicon photonic integrated circuits (PICs) for an optimized co-packaged design with 3D Siliconization. Supports an expansive list of interoperability ...



Linktel's LPO portfolio consists of both QSFP-DD and OSFP modules. Linktel Technologies provides high-quality and cutting-edge products and solutions for high speed optical I/O connectivity, including ...



Smartoptics QSFP-DD transceivers provide cost-efficient 400G and 800G optical networking. QSFP-DD (Quad Small Form-Factor Pluggable Double Density) transceivers double the number of high-speed ...



The QSFP-DD (Quad Small Form-Factor Pluggable Double Density) optical transceiver is a revolutionary advancement in high-speed data communication, designed to meet the escalating ...



The STC-40028 from Swedish Telecom Opto's LPO Series is a high-performance 800 Gb/s QSFP-DD SR8 optical transceiver optimized for short-reach, high-bandwidth data-centre and AI workloads.



All LPO modules undergo independent validation in EU laboratories for power, signal integrity, and interoperability. A downloadable test summary will be available upon final verification.



Cisco QSFP-DD and OSFP 800G coherent optical modules are supported on Cisco switches and routers. For more details, refer to the Cisco Transceiver Modules Compatibility Matrix.

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://samastersbaseball.co.za>

Email: sales@samastersbaseball.co.za

Phone: +27 63 874 2095

Address: 15 Innovation Drive, Technopark, Stellenbosch, 7600, South Africa

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