

Both products leverage our advanced linear drive technology to reduce the demand for signal processing in the optical link, lowering overall power consumption. "Our substantial silicon ...

OSFP 800G 2xFR4 LPO Optical Transceiver Module 2 sets of 400Gbps FR4, data rate up to 53.125GBaud per channel Typical Power Consumption less than 10W Up to 2km reach with Single ...

Power your AI and cloud networks with next-gen OSFP optics. LINK-PP offers 400G/800G/1.6T modules, LPO, and high-efficiency thermal designs for ultra-dense data center fabrics.

The OSFP 1.6T LPO transceivers (500m, SMF) are also compliant with OSFP MSA, IEEE 802.3, OIF-CMIS, and RoHS standards, and are compatible with OSFP IHS connectors and ...

The module converts 8 channels of 100Gb/s (PAM4) electrical input data to 8 channels of parallel optical signals, each capable of 100Gb/s operation for an aggregate data rate of 800Gb/s.

The OSFP module shall operate within one or more of the case temperature ranges defined in Table 8-1. The temperature ranges are applicable between 60m below sea level and 1800m above sea level.

To accommodate both high-power optical and dense copper solutions, the specification will define separate but compatible heatsink specifications for both optical and copper modules, allowing ...

Description The OSFP-800LPO-2DR4 is a cost-effective module with high performance, which is optimized for AI Datacenter, supporting datarate of 8x112Gb/s PAM4 Optical interface and ...

Unleash unparalleled connectivity with our 800G LPO OSFP, driven by Linear-Drive Technology. This innovative solution redefines short-range, high-bandwidth, and low-latency applications.

Our LPO transceivers support 400G and 800G applications in QSFP and OSFP form factors. They bring all the efficiency and performance benefits of LPO to data center operators, while integrating ...

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