

Discover how Marvell's Optical DSPs enable high-speed, energy-efficient connectivity for AI workloads, data center interconnects, and cloud infrastructure.

Discover how OSFP modules provide high-speed optical connectivity for data center applications. Learn about the different form factors, data rates, and compatibility options available.

Simulation Technology is indispensable in Optical and High Speed packages, as well as other precision components. When designing a new package, we perform simulation analysis for electrical, stress ...

In the digital age, where data traffic doubles every two years and AI, cloud computing, and 5G technologies drive exponential demand for bandwidth, optical modules have emerged as the ...

Using hot-swappable optical modules such as SFP+ and QSFP series, operators can expand network bandwidth without major infrastructure changes. By leveraging CWDM or DWDM ...

Explore the evolution of optical modules in speed and form factors from 400G to 1.6T, stressing key enhancement technologies, and paths to achieving high-speed optical modules.

This article explores MPS optical module solutions to meet the design requirements of high-speed optical communication as well as different laser diode applications.

For over 30 years, MACOM has developed and manufactured the fastest, most sensitive and broadest wavelength photoreceivers available. Our experience in leading-edge technology allows us to ...

The insatiable demand for data in modern computing applications has driven network architects to seek out optical interconnect solutions that meet requirements for massive bandwidth while also satisfying ...

Discover high-speed optical transceiver modules for 10G/25G/40G/100G+ networks. Learn about SFP, QSFP, XFP, and their applications in data centers and telecom.

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