

We manufacture individual optical and optoelectronics OEM modules for our customers. The tasks and solutions are diverse and range from classic lenses and high-performance lighting modules to ...

The monitoring product family includes advanced modules such as OCM and OTDR, as well as simpler pigtail integrated PD, tap or WDM PD in single-channel and array packages.

Explore the ultimate guide to optical modules. Learn types, functions, performance metrics & how to choose the right module for your fiber network.

Integrated circuits and reference designs help you create a smaller and faster optical module design used in high-bandwidth data communication applications. Whether you are creating a 100-Gbps or ...

SCALE CPO solution is said to be the industry's first OCI MSA capable platform and built with GF's proven silicon photonics technology. GlobalFoundries has introduced its SCALE(TM) optical ...

3D views of the OSFP-XD solutions To accommodate both high-power optical and dense copper solutions, the specification will define separate but compatible heatsink specifications for both optical ...

MALTA, N.Y., May 4, 2026 - GlobalFoundries (Nasdaq: GFS) (GF) today announced the introduction of its SCALE(TM) optical module solution for co-packaged optics (CPO). GF's SCALE solution, or Silicon ...

Optical modules are optical transceivers used for high-speed data transmission, and are used anywhere larger amounts of data needs to be sent and received. From data centers to telecom, short or long ...

The SCALE CPO solution uses both coarse and dense wavelength-division multiplexing (CWDM and DWDM) for bi-directional data transmission over each optical fiber, delivering significant ...

For research facilities, System integrators (OEM), and industrial users looking for customized solutions, SmarAct provides a high-performance toolbox of modules that can be individually selected and ...

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