STM Optical Module

Chip maker STMicroelectronics (ST) has revealed details of a new generation of proprietary technologies enabling faster optical interconnects in data centers and artificial intelligence ...

The company launched its silicon photonics (SiPho) technology, PIC100, alongside an advanced BiCMOS55X platform, both designed to support ...

The company launched its silicon photonics (SiPho) technology, PIC100, alongside an advanced BiCMOS55X platform, both designed to support 800 Gbps and 1.6 Tbps optical modules ...

ST is helping hyperscalers, and the leading optical module provider, overcome those challenges with new silicon photonics and next-gen BiCMOS technologies, scheduled to ramp up ...

Designed for telecom and enterprise applications, these modules support long-distance communication with minimal signal loss. With robust performance and compatibility across various networking ...

STMicroelectronics of Geneva, Switzerland says that it is helping hyperscalers, and the leading optical module provider, to overcome these challenges by unveiling its next generation of ...

The products will include 800 Gbps and 1.6 Tbps optical modules. The company is also developing a roadmap with its partners across the value chain for higher energy efficiency pluggable ...

Silicon photonics is a highly promising technology for faster and more efficient data transfers in optical modules. Optical transceivers embedded in pluggable optics play a crucial role in converting optical ...

By using ultra-short vertical electrical connections, ST can support a much denser module and support near- and co-packaged optics. It will also enable us to create technologies capable of ...

STM Optical Module

Web: https://tlaletsoglobal.co.za