

For emerging 3.2T transceivers, Coherent will demonstrate 400G/lane PAM4 optical links with both 400G Differential EML as well as a silicon photonics PIC implementation based on ...

Coherent Corp. highlights next-gen 1.6T, 3.2T, and 12.8T pluggable transceiver technologies at OFC 2026, reinforcing its leadership in scalable AI ...

NVIDIA is spending \$4 billion on silicon photonics through Lumentum and Coherent deals. Here's which partnership looks stronger heading into 2026.

NVIDIA will be investing a combined \$4 billion into optics and photonics companies Lumentum and Coherent to support the development of next generation AI infrastructure. The companies will receive ...

Silicon photonics (SiPh) serves as a foundational technology for advancing modern optical modules, particularly LRO and LPO.

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For applications where electro-optic performance is sufficient, silicon photonics can enable a lower cost and more compact module such as Coherent's 100GZR QSFP28 DCO

SAXONBURG, Pa., March 31, 2025 (GLOBE NEWSWIRE) -- Coherent Corp. (NYSE: COHR), a global leader in photonics, will show a live demonstration of its silicon photonics-based 1.6T-DR8 ...

We simulate and evaluate the performance of our proposed MRM-based coherent CPO (C2PO) transmitters using a foundry-provided commercial silicon photonics process, demonstrating ...

And the newest entrant: UMC (NYSE: UMC), which licensed imec's iSiPP300 silicon photonics process and plans to begin risk production in 2026-2027. The finished, shippable product ...

400G per lane silicon photonics breakthrough Coherent demonstrated what it described as an industry first: a high-performance 400G per lane optical link enabling next-generation switch ASIC ...

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