

Samsung Foundry is reportedly stepping up its silicon photonics efforts. According to ZDNet, the company said in its 1Q26 earnings release that its foundry has secured orders from a ...

May. 07, 2026 - SCALE CPO solution is the industry's first OCI MSA capable platform and built with GF's proven silicon photonics technology MALTA, N.Y. - GlobalFoundries (Nasdaq: GFS) (GF) ...

The release marks a milestone in chip design, potentially redefining scalability and efficiency for artificial intelligence (AI) and high-performance computing (HPC)

Integrated photonics is a field of study and technology that involves the integration of optical components, such as lasers, modulators, detectors, and waveguides, on a single chip or ...

The System-on-Chip (SoC) is the key component in modern optical modules. It integrates multiple functional blocks into a single chip, including laser drivers, photodetector ...

Celestial AI has introduced the Photonic Fabric Module, a claimed industry-first SoC with optical interconnect integrated directly in the middle of the die. By embedding thermally stable ...

By freeing up the silicon beachfront and embedding optical IO in the middle of the die, Photonic Fabric shatters the "beachfront" limitations of traditional SoCs. It delivers an exceptionally ...

CELESTIAL AI Photonic Fabric Module is a System-on-Chip (SoC) with optical interconnect integrated in the middle of the silicon die --redefining performance and scalability in AI ...

This market research report provides a comprehensive analysis of the global and regional Optical Module Chip markets, covering the forecast period 2025-2032. It offers detailed insights into market ...

The V6069 is a next generation heterogeneous embedded computing 3U VPX module featuring the AMD Versal<sup>™</sup>; Premium Adaptive System-on-Chip (ASoC), rugged optical and electrical high-speed ...

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