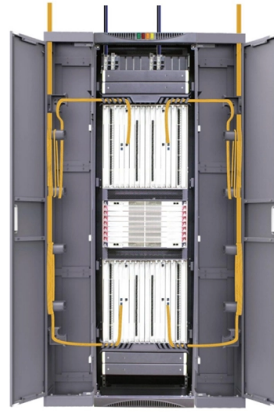


Raintree optical module



Overview

The RAIN-200 platform features high-bandwidth Germanium photodetectors and Silicon Mach-Zehnder modulators with best-in-class optical loss, bandwidth, and efficiency. Rain Tree Photonics (RTP) is a Silicon Photonics chipmaker dedicated to transforming next-generation optical interconnects through. Rain Tree Photonics (RTP), has announced the availability of its 200G/lane PIC product family, designed to meet the increasing bandwidth and efficiency demands of AI clusters and hyperscale data centres. It has also unveiled the results of silicon modulators operating at 400G/lane IMDD at the IEEE. RTP's 800G silicon photonics engines come in two versions - a single chip version (RTP11008), in which each chip contains eight channels and a dual chip version (RTP1908-D-LD), in which each chip contains four channels. (RTP), a silicon photonics chip maker for hyperscale data-center and AI interconnect applications entered into a MEMORANDUM OF UNDERSTANDING (MOU) with ATOP Corporation (ATOP) to form a strategic partnership to commercialize its 200G/lane. Silicon photonics chip maker Rain Tree Photonics Pte.



Article Content

Rain Tree Photonics silicon photonics engine leverages

Rain Tree Photonics Pte. Ltd. says it now offers the RTP1908 silicon photonics engine that, paired with MaxLinear's Telluride MxL93542 PAM4 DSP, is targeted

Rain Tree Photonics unveils 200G/lane PIC, 400G/lane

Rain Tree Photonics (RTP), has announced the availability of its 200G/lane PIC product family, designed to meet the increasing bandwidth and

Optical module

An optical module is a typically hot-pluggable optical transceiver used in high-bandwidth data communications applications. Optical modules typically have an electrical interface on the side that

Rain Tree Photonics Announces Availability of Low

RTP today announced the availability of 800G silicon photonics-based solutions for 800G-DR8 and LPO optical modules.

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Rain Tree Photonics Launches 200G/Lane Silicon Photonics

Rain Tree Photonics (RTP) has launched its 200G/lane photonic integrated circuit (PIC) product family, targeting optical interconnects for AI clusters and hyperscale data centers.

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

2020-09-02 | Press Release | Rain Tree Photonics" 400G-DR4

Rain Tree Photonics Pte. Ltd. (RTP), a silicon photonics chip maker for hyperscale data-centers and 5G today announced the availability of a silicon photonics-based solution for 400G-DR4

What Is an Optical Module and Its FAQs (V200)

What Is an Optical Module and Its FAQs (V200) Describes what an optical module is and FAQs, including the fundamentals, appearance and structure, key performance counters, common types,

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View the TI Optical module block diagram, product recommendations, reference designs and start designing.

Rain Tree Photonics' 400G-DR4 Silicon Photonic Engine and

Rain Tree Photonics Pte. Ltd., a silicon photonics chip maker for hyperscale data-centers and 5G today announced the availability of a silicon photonics-based solution for 400G-DR4 optical modules....

Rain Tree Photonics and ATOP Corporation to Commercialize

The silicon photonic engines are built using RTP's proprietary silicon photonics platform which features ultra-high bandwidth modulators and photodetectors, low insertion losses and

Rain Tree Photonics

Specializing in high-performance optical connectivity for AI clusters, cloud computing, and hyperscale data centers, RTP's innovations address the critical

A*STAR — Powering the Future of Silicon Photonics

These platforms are widely applied in high-speed networking chips, AI accelerators, and Co-Packaged Optics (CPO) modules. Silicon Photonics &

Rain Tree Photonics' 400G-DR4 Silicon Photonic Engine and

RTP's 400G-DR4 silicon photonic engine (RTP1908) is paired with MaxLinear's Telluride PAM4 DSP (MxL93542) to provide a high level of integration, resulting in low-cost and low-power

Rain Tree Photonics unveils 200G/lane PIC, 400G/lane

The RAIN-200 platform features high-bandwidth Germanium photodetectors and Silicon Mach-Zehnder modulators with best-in-class optical

Rain Tree Photonics Announces Availability of Low-Cost & Low

Rain Tree Photonics Pte. Ltd. (RTP), a silicon photonics chip maker for hyperscale data-centers and 5G today announced the availability of 800G silicon photonics-based solutions for 800G

Raintree Scientific Instrument 2026 Company Profile ...

Raintree Scientific Instrument General Information Description Manufacturer of testing equipment designed for integrated circuit and manufacturing process. The company's products

New 800G Silicon Photonic Engines for 800G-DR8 and

Silicon photonics chip maker Rain Tree Photonics Pte. Ltd. (RTP), has announced the availability of 800G silicon photonics-based solutions for

Contact Us

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