Optics & Photonics

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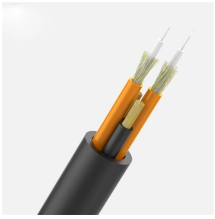
ODM Transimpedance Amplifier 1 6T





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ODM Transimpedance Amplifier 1 6T



Transimpedance amplifiers (TIAs) are one of the unsung heroes of the cloud and AI era. At the recent OFC 2025 event in San Francisco, exhibitors demonstrated the latest progress on 1.6T ...



Figure 9 depicts the implementation of a 1.6T optical module in an OSFP platform using Intel''s PICs and integrated electronic circuits. Intel''s 1.6T optical module solution, for example, enhances bandwidth ...



MaxLinear has announced the availability of its Washington TIA, a four-lane transimpedance amplifier supporting 200G per lane, designed for 1.6T optical transceiver modules ...

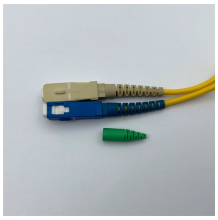


MaxLinear (NasdaqGS:MXL) introduced its Washington 200G per lane optical transimpedance amplifier for 1.6T AI data center interconnects. Samples of the new TIA are currently ...



Semtech introduced two new FiberEdge transimpedance amplifiers (TIAs) targeting the rapid transition from 800G to 1.6T optical interconnects in AI data centers.

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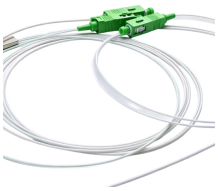
CARLSBAD, CA – (BUSINESS WIRE)– April 30, 2026 – MaxLinear, Inc. (Nasdaq: MXL), a leading provider of high-speed interconnect ICs for data center, metro, and wireless transport ...



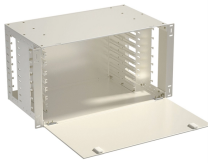
Semtech Corporation today announced two new FiberEdge® transimpedance amplifiers (TIAs) designed to address power efficiency challenges in AI infrastructure scaling. GN1834D enables emerging 1.6T ...



Four-channel, 200G/lane high-speed transimpedance amplifier enables cost-effective, power-efficient, fully retimed PAM4 optical signaling for next-generation 1.6T optical interconnects ...



The GN1834D expands Semtech''s industry-leading 200G TIA portfolio that enables the emerging 1.6T optical interconnect market through advanced 200G per channel performance and ...



IRVINE, Calif., March 31, 2025 – OFC 2025 – TeraSignal, a leader in intelligent interconnect technology, today announced the TS9801/02, the world''s first quad 200G PAM-4 linear Transimpedance ...

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