

The Perseus 400G/800G PAM4 DSP with integrated TIAs and laser drivers, enables 400G/800G optical transceiver modules and optimizes for short-reach interconnect within hyperscale data center and AI ...

The highest data rate is 116 Gbps PAM4 / 58 Gbps NRZ (labeled as "FHT" transceivers) alongside the general-purpose 1- 58 Gbps (labeled as "FGT" transceivers) I/Os.

Aimed at 400G and 800G LPO modules, the chip is a 100G/lane linear re-driver built in a CMOS process. That process enables added intelligence, such as a digital eye monitor that enables link ...

The LPO optical module performs transmit and receive functions that convey analog signals between the host and the medium. Its electrical interfaces are based on OIF CEI-112G ...

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MaxLinear's highly integrated PAM4 DSPs offer superior link-margin performance and low power to enable 100G, 400G, 800G, and 1.6T optical interconnects inside the data center. Filter your results ...

This product is a 400Gb/s QSFP112 optical module designed for 0.5Km optical communication applications. The module converts 4 channels of 100Gb/s (PAM4) electrical input data to 4 channels ...

200G/400G/800G optical module features up to 40km transmission distances using QSFP56/QSFP-DD footprints for data center interconnect applications - FiberMall

This 400G LPO QSFP112 module has low power consumption, which can reduce ...

ABSTRACT: This Implementation Agreement specifies key aspects and electro-optical-mechanical details of a 3.2Tb/s Co-Packaged Module encompassing optical and copper cable attach ...

Broadcom's Active Copper PHY portfolio enables DAC cable providers to build very low insertion-loss profile, ultra-low latency, ultra-low power cables for 100G/400G/800G/1.6T hyperscale/AI networks ...

Web: <https://cgaroofing.co.za>