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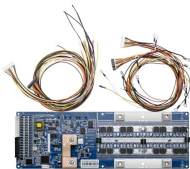
The AW100-G is a Gearbox/Retimer Digital Signal Processor (DSP) for PAM4 optical applications. The gearbox features an 8x50G interface on the host side and a 4x100G interface on the line side. The ...



Nova 1.6T PAM4 DSPs enable 1.6T and 800G optical transceiver modules for AI/ML and next-gen cloud data center networks. Supports both Ethernet and InfiniBand applications.



The 50GE PAM4 optical module uses the QSFP28 encapsulation mode, LC optical interfaces, and single-mode optical fibers. The transmission distance is 10/40 km, and the maximum power ...



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The transceiver utilizes two PAM4-modulated 56 Gbps wavelengths that are grouped within a 100GHz channel, enabling up to 40 channels over a 100GHz DWDM grid system as specified in the ITU-T ...



Credo's extensive optical portfolio includes DSPs for 50G, 100G, 200G, 400G, 800G and 1.6T PAM4 optical transceivers and active optical cables. Our products meet the most demanding requirements ...



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.



The Broadcom® BCM87800 is the industry's highest-performance and lowest-power single-chip 800GbE PAM-4 PHY transceiver capable of driving eight lanes of 106-Gb/s PAM-4 at 53 Gbaud, ...



Delivering 200Gbps over 2km SMF via 4x50G PAM4 technology. Compliant with FR4 standards, this hot-pluggable module integrates LD/PIN components and DSP for signal integrity. Optimized for high ...



Backed by 3 specialized manufacturing facilities and 400-500 optical experts, we precision-code, conduct rigorous PAM4 DSP stress tests, and live-verify every 200G QSFP56 & QSFP-DD MODULE ...

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