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Ara features eight 200Gbps/channel PAM4 host electrical interfaces, and an octal 200Gbps/lane PAM4 optical interface with integrated high-swing laser-modulator drivers, and standard drivers.



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 ...



Instead of a rigid PCB trace, it uses an ultra-low-loss twinax or optical cable that terminates at the ASIC package, thus dramatically reducing the signal path length and its associated ...



The Marvell® PAM4 optical DSP portfolio, including Spica™ and Nova™ DSPs, addresses the critical the need for high-bandwidth optical interconnects to power AI infrastructure.



Our research covers the whole supply chain from optical and semiconductor components, to modules, sub-systems and their applications in telecom and datacom systems.



Co-packaged signal density: 170 differential high-density interconnects on a 95 mm x 95 mm or smaller substrate pairs per square inch (SFCC, SFCC, Optics). Contact HDR@samtec for more details.



Si-Fly® HD co-packaged and near-chip systems provide the highest density 224 Gbps PAM4 solution in today's market. Electrically pluggable co-packaged copper and optics solutions (known as CPX) are ...



Our final example is an interoperability ecosystem of our co-packaged copper and optical solutions. Whether you're going to the front panel or the backplane, with copper or optics, there are ...



Amphenol's OverPass products help provide advanced electrical performance without compromising practical physical reach. Convergence between our mezzanine and backplane ...

Contact Us

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