

Serial Data Equalization Software Tests High Speed Designs



Agilent Technologies, Inc. announces serial data equalization software for its Infiniium 90000A series oscilloscope. This software is suitable for testing devices based on high-speed serial data technologies such as PCI Express 3.0, USB 3.0, SATA 6 Gbps and SAS 6 Gbps. The software provides equalization tools for real-time analysis to help reduce receiver errors. Engineers can select from a list of DFE and FFE options to see how various techniques will affect the eye at the receiver, and they can compare DFE and FFE in the same window. Users can input tap values (bit-level voltage correction factors) that they have created or have the serial data equalization software calculate optimized tap values for them, saving time compared with manual calculations.

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