

validate them. The new TMT4 Margin Tester enables engineers at all levels of expertise to test PCIe devices across up to 160 combinations of lanes and presets in as little as 20 minutes at Gen 4 speeds. Multi-lane testing capabilities enable users to significantly improve overall testing times by reducing the number of connection changes needed to perform testing.

Rina Raman, Vice President and General Manager DCAI, Embedded Acceleration Division at Intel, says: "Our team supported Tektronix to develop this new product category, knowing the importance of getting earlier insights and faster, more reliable results. The Tektronix TMT4 Margin Tester solution, built on the Intel Stratix 10 FPGA with PCIe, is easy for our engineers to use and the results are available substantially faster, in most cases, in minutes rather than hours. We have seen the benefits of this product to identify design issues much earlier in the design process."

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Features:

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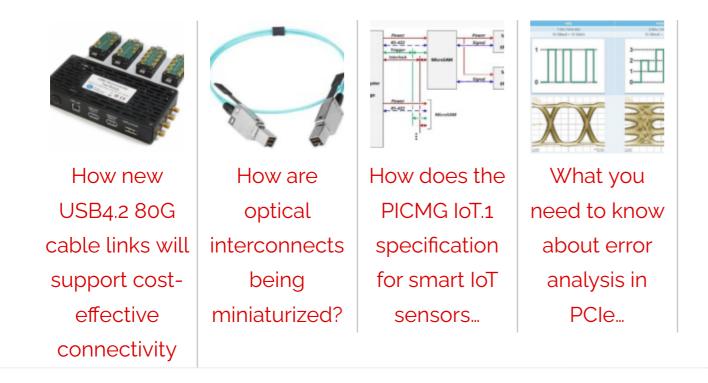
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• Quick Scan mode enables evaluation of link health for Gen 3 or Gen 4 devices, up to 16 lanes, in minutes, not hours or days.

- Custom Scan mode provides deeper insights by enabling users to scan Gen 3 or 4 devices, up to 16 lanes, across PCIe presets 0-9 (up to 160 combinations) in as little as 20 minutes.
- Simple setup and configuration minimize the need for senior-level engineers to perform link health evaluations of their designs.
- Full Tx/Rx protocol capability that enables link health evaluation of PCIe Gen 3 and Gen 4 communication technologies on both sides of the link in a single box.
- Multi-lane testing capabilities enable users to significantly improve overall testing times by reducing the number of connection changes needed to perform testing.
- Visibility of link training parameters provides additional insights into which equalization was used to form the link.
- Variety of adapters supporting the most common PCIe form factors for easy connection to motherboard and add-in card DUTs including CEM, M.2, U.2 and U.3.

Tektronix Inc., 14150 Southwest Karl Braun Drive, PO Box 500, Beaverton, OR 97077, www.tek.com

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