

Simberian News | September 24, 2014

...from Simberian Inc.

Welcome to the latest edition of Simberian News!

Simbeor EDA kit for CMP-28/32 is available now!

We are happy to announce that complete **Simbeor kit for CMP-28/32 Channel Modeling Platform** is now available. The kit illustrates systematic analysis to measurement validation process for PCB interconnects running at 28-32 Gbps. It includes measured S-parameters, solutions for dielectric and conductor roughness model identification, and simulations of all 27 structures on the board with comparisons to measured data up to 50 GHz. It also contains comparisons of simulated and measured TDR and eye diagrams. [Click here to see the guide to CMP-28/32 Simbeor kit.](#)

This EDA Kit represents a critical SI tool:

- Saves time and lowers risk by benchmarking against known structures;
- Quick and very accurate dielectric and conductor roughness model identification;
- Common EDA simulation to measurement issues are addressed such as launch modeling;
- Tips and methodology included;
- Includes qualified measured S-parameters for comparing your measurements and simulation results;

How do you know that your signal integrity software is qualified for the analysis of interconnects at 28-32 Gbps? And which software is better?

The best way to figure it out is to use a validation platform such as CMP-28/32 from Wild River Technology with 27 interconnect structures specifically designed to benchmark the software. Just simulate all 27 structures on the platform and compare with the high-quality measurements to evaluate accuracy and identify limitations of the software. Then, compare different tools on accuracy, productivity and cost. If accuracy of the analysis is acceptable, compare the time you spent on the simulation and cost of all tools involved in the analysis. Simbeor kit for CMP-28/32 provides examples and instructions on how to do it accurately, productively and cost-efficiently in Simbeor with acceptable analysis to measurement correlation up to 50 GHz.

Simbeor kit for CMP-28/32 is available free for all Simbeor customers – just send request to support@simberian.com. [CMP-28/32 validation platform with Simbeor kit is available from Wild River Technology.](#)

Sincerely,
Team Simberian

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