News Release

Artek introduces high performance cost-effective jitter injector

Product leverages technology from Japan's Artek, Inc. providing high frequency jitter injection in small cost-effective package.

Taipei, Taiwan, Thursday, April 1, 2010 - Artek, Inc. (Japan)., today introduced the RJI-5000 jitter injector for USB3.0 Receiver PHY Testing, based on unique analog and mixed signal technology corroborated by advanced signal processing theories.

RJI-5000 generates and injects USB3.0 defined Random & Sinusoidal Jitter directly onto the input data signal. The input data signals could be from actual USB device, pulse generator and /or BIST source. The Random jitter follows precisely to the Gaussian curve while Sinusoidal jitter is selectable from presets of CTS defined frequencies. Besides, User defined custom jitter can be injected through external jitter input connector for additional stress testing. Bypass mode is available for LFPS and DC testing. All the control is done by PC software via USB.

"With the ever-increasing speeds of digital communications, the cost of the test and measurement equipment for high speed digital signal has also been high and increasing. Superior and special techniques in analog and mixed signal processing developed by Artek, Inc. based on a novel and unique approach, are incorporated in RJI-5000 jitter injector for providing a very cost-competitive solution." said Mr. Kiyoshi Sone, the owner and president of Artek, Inc.

In addition, Artek, Inc. introduces RTC (Reference Test Channel) emulator and fixtures for additional PHY testing.

About Artek

Artek, Inc., was founded in 1967 in Japan as a custom engineering company for electronic devices. Advancing analog and mixed signal technologies for over 40 years, they have finally decided to announce their own products, based on their novel and unique approach, for test and measurement equipment for high speed digital communications.

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