RSOFT DESIGN GROUP JOINS CADENCE CONNECTIONS PROGRAM

September 1, 2004 Ossining, NY – RSoft Design Group, Inc. announced today its membership in Cadence Design Systems, Inc.'s Connections Program and the development of the *OptSim*™ Electrical Circuit Model Generator™ for Cadence Virtuoso® Circuit Simulator. RSoft Design Group, a leader in modeling, simulation, and design tools for the photonics, optoelectronic components, semiconductor, and optical communications industries will design advanced interfaces to Cadence's industry-leading products for electronic circuit design and simulation. The semiconductor, photonics, and optical communications industries will benefit by improved time-to-market and lowered costs through this unprecedented integration.

The first product interface to be developed by RSoft through the Cadence Connections Program is the *OptSim* Electrical Circuit Model Generator for Virtuoso Spectre Circuit Simulator. An application of this new tool is modeling a semiconductor laser. Semiconductor lasers, including VCSELs, can be modeled very accurately in *OptSim* based on manufacturer data sheets, measured data, or simulation results from a device-level laser simulator such as RSoft's *LaserMOD*™. This model can output to Virtuoso Spectre Circuit Simulator to be utilized in laser driver circuit simulations that include accurate semiconductor laser performance characteristics. Accurate laser models are important for laser driver circuit simulation and design because of the tight nonlinear coupling between semiconductor lasers and the laser driver circuit, as well as the strong impact the final output optical waveform from the laser has on overall optical link system performance.

This new capability to include accurate laser models in laser driver circuit simulations represents a major advancement in reducing the time-to-market and overall product costs for laser driver manufacturers. Users will benefit from the most accurate overall simulation across both circuit and system-level. This breakthrough mixed-level simulation accuracy is critical for optimizing the component design as well as the system design for laser drivers, semiconductor lasers including VCSELs and optical communication systems.

As Robert Scarmozzino, CTO of RSoft Design Group, explains, "This project is one of many efforts at RSoft to address the design needs for electronic and photonic integration on the system-, circuit-, and chip-levels. We are looking forward to working with Cadence through the Connections program for future integration efforts."

About the Cadence Connections Program
The Cadence Connections Program promotes open interoperability in all areas of electronic design including digital, custom IC, analog/mixed-signal, and PCB design. By

attracting best-in-class partners, Cadence offers the industry's largest collection of third-party solutions operating fully with the Cadence suite of design tools. The Connections Program has over 120 member companies working toward developing an optimized silicon design chain for customers. Information about the Connections Program may be found at www.cadence.com/partners/connections/.

About RSoft Design Group
Offering a comprehensive suite of design and business analysis software solutions to the telecommunications, semiconductor and photonics industries, RSoft Design Group is the only company that provides a full range of simulation and planning software and services across the entire component to network-level hierarchy. The company's award-winning products are used by researchers, manufacturers, systems integrators, and service providers to address design challenges ranging from the physics of component design to the business implications of planning networks. RSoft Design Group, Inc. is a privately held corporation with global marketing operations worldwide and offices in the US, Japan and Europe. For more information, visit www.rsoftdesign.com.

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