

Press Release

DCG Systems receives ten orders for recently patented LVx Technology combining Laser Voltage Imaging and Probing

FREMONT, CA, September 23, 2010 (Marketwire) --DCG Systems today announced that it has received an unprecedented ten orders for its recently patented LVx technology which was introduced to the market only a few months ago. This rate of adoption and market share gain in the design debug and failure analysis market indicates a significant pent-up demand for the LVx capabilities.

LVx provides both Continuous Wave Laser Voltage Probing (CW-LVP) and Laser Voltage Imaging (LVI) through a combination of hardware and software, and can be added as an option to EmiScope, Meridian and Ruby systems. The first of a series of DCG patents on the LVx technology was recently awarded by the US Patent Office (US 7,733,100 B2)

LVI maps specific frequencies of operation to physical transistor locations and is particularly well suited for locating breaks in failing scan chains. LVI may also be used with Laser Voltage Probing (LVP) to quickly determine the optimal locations for waveform acquisition.

CW-LVP provides fast functional waveform acquisition. The addition of this capability to the EmiScope complements the existing Time Resolved Emission (TRE) capability. On the Meridian, CW-LVP provides the ability to acquire actual waveform data at photon or thermal emission locations.

"The combination of LVI and CW-LVP is extremely powerful for accurate probing with high signal fidelity" said Roy Ng, LVx Product Manager. "LVI is quickly proving to be a very successful technique to map the active transistors at specific frequencies, for example data and clock frequencies of a scan chain, and is being effectively used by our customers for yield improvement by comparing good-die to bad-die."

About DCG Systems

DCG Systems, Inc., a privately held company headquartered in Fremont, California, is the leading provider of semiconductor electrical yield, debug and characterization solutions. DCG has operations in Japan, Taiwan, Malaysia, Singapore and Israel with partners in China, Europe and Korea. With a commitment to applying innovative technology to improve time-to-yield and time-to-market, DCG Systems delivers leading solutions at competitive cost to integrated device manufacturers (IDMs), wafer foundries and fabless chip companies worldwide. DCG Systems is comprised of the former Schlumberger/NPTTest Probe Systems division, Optonics Inc., Hypervision Inc. and Zyvex Instruments LLC, with an installed base of over 950 systems worldwide. For more information please visit <http://www.dcgsystems.com>.

Contact:
Roger Nicholson
Marketing Communications