

New Mid-Size PCAP LCD Modules Offer High Image Quality and Robust Design for Industrial, Medical Equipment

The Associated Press

KAWASAKI, Japan & SANTA CLARA, Calif. & DUSSELDORF, Germany--(BUSINESS WIRE)--May 22, 2012-- NLT Technologies, together with its sales and marketing channels in the Americas and Europe, Renesas Electronics America, Inc. and Renesas Electronics Europe GmbH, today announced the successful development of three mid-size color LCD modules based on projected capacitive (PCAP) touch panel technology. The 10.4-inch XGA, 10.6-inch WXGA and 12.1-inch WXGA LCD modules offer the increased durability, smooth operator interface, multi-touch function and clear image quality required for use in touch-panel displays designed for industrial applications, such as factory automation and test and measurement, as well as medical equipment.

"The demand for touch-panel capabilities in the industrial and medical markets continues to expand, and PCAP technology provides the additional durability, clear image quality, and multi-touch capabilities required for displays operating in these rugged environments," said Dean Collins, Director Display Product Marketing, Renesas Electronics America. "The addition of PCAP to our display technology family strengthens our total display solutions, with factory installed touch, and helps customers meet the unique design demands for their respective markets." The new PCAP technology complements NLT Technologies' current touch-panel capabilities, which includes original surface capacitive (ON-Cell) and resistive touch panel technologies. In order to augment the value offered to our customers, NLT Technologies is developing the PCAP technology with multiple value add options such as surface films, cover glass and optical bonding. As part of its total cost of ownership (TCO) strategy, which includes long-term product support, NLT and Renesas are supplying not only the LCD module with touch panel and touch panel controller as part of the PCAP LCD Module set, but also providing support for customer set up.

NLT Technologies continues to promote the research and development of touch panel technology, and aims to expand their touch panel production lineup as well as develop new applications for the company's primary markets.

For specifications of the LCD modules, please refer to the separate spec sheets.

About Renesas Electronics America's Display Business Renesas Electronics America is the authorized representative in the Americas of NLT Technologies, Ltd. (established July 2011 as a joint venture between NEC Corporation and Shenzhen AVIC Optoelectronic Co., Ltd.), a leading supplier of innovative LCD products for industrial applications. With an extensive lineup of 2.7- to 22.5-inch active-matrix LCD modules and a network of distributors and value-added partners (VAPs),

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Renesas Electronics America provides complete display module solutions from NLT Technologies to the industrial, medical and high-end monitor market. In addition to modules based on NLT Technologies' SFT for ultra-wide viewing, Renesas Electronics America also offers LCD modules that include ultra-high resolutions, wide temperature ranges, high contrast ratios, rich color gamuts, backward compatibility, LED backlights, and transfective viewing for use in diverse lighting environments.

Renesas Electronics America and NLT Technologies are committed to delivering innovative, high-performance, eco-conscious LCD solutions that address the diverse size, power and high image-quality needs of their industrial, medical and high-end monitor customers. Based on technologies developed by NLT Technologies, the LCD modules are optimized and designed for a range of applications, including portable and fixed medical equipment, test and measurement devices, instrumentation equipment, point-of-sale systems, gaming systems, global positioning systems, radio-frequency identification devices and barcode scanners.

Additional information about these LCD display products, manufactured by NLT Technologies and represented by Renesas Electronics America in the Americas, can be found at <http://www.am.renesas.com/prod/displays>.

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