

NEC LCD Technologies to Further Enhance ST-NLT Lineup Through Launch of Four New TFT LCD Modules

DUESSELDORF (Germany) and TOKYO (Japan), March 8, 2007 – NEC LCD Technologies, Ltd. today announced that it will begin successive shipment of four new amorphous silicon thin-film-transistor (TFT) liquid crystal display (LCD) samples by the end of April 2007. The new products comprise of a 15.0-inch (38cm-diagonal) extended graphics array (XGA) TFT LCD module, part number NL10276BC30-18C, a 12.1-inch (31cm-diagonal) extended graphics array (XGA) TFT LCD module, part number NL10276BC24-13C, and two 10.4-inch (26cm-diagonal) video graphics array (VGA) TFT LCD modules, part numbers NL6448BC33-63C and NL6448BC33-64C.

All four new LCD modules feature NEC LCD Technologies' proprietary super-transmissive natural light TFT (ST-NLT) technology that achieves display of vivid colors in environments with high ambient light. In addition, the models support wide operating temperature ranges of either -10 degrees Celsius to +70 degrees Celsius or -20 degrees Celsius to +70 degrees Celsius. These new and enhanced features make the new models ideal for installation in automated teller machines, automated ticket machines, automatic vending machines, and point-of-sales systems for gas stations.

Since the launch of its 5.5-inch TFT LCD module, part number NL3234BC35-22, featuring ST-NLT technology in April 2005, NEC LCD Technologies has worked to expand its ST-NLT product lineup. Accordingly, four new products have been launched since 2005 to meet market demand for display of vivid colors even under extremely bright outside light, which is an ongoing issue with conventional electronic display devices. However, market demand for diversified ST-NLT-based products continues to increase along with market expansion.

"The addition of these four new sophisticated models will boost NEC LCD Technologies' competitive edge in a market of ever-increasing and diversified needs," said Masaaki Hiroshima, Product Planning Department Manager at NEC LCD Technologies. "Our unmatched product lineup is now 9-models strong, ranging in size from 5.5 to 15.0 inches in six different sizes from QVGA up to XGA resolutions, enabling us to provide a premium range of products to an even broader range of customers worldwide."

NEC LCD Technologies remains committed to enhancing its lineup of LCDs adopting ST-NLT technology to respond to an even broader range of industrial applications and environmental conditions.

All of new models will be displayed at Display 2007, which is being held from April 11-13 in Tokyo Big Sight, Japan.

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About NEC Electronics (Europe) GmbH

NEC Electronics (Europe) GmbH, headquartered in Duesseldorf, Germany, is a leading developer and supplier of semiconductor products in Europe. Committed to meeting customers' cost, performance and time-to-market requirements, the company offers solutions ranging from standard products to system-on-a-chip (SoC) solutions, as well as customized products for next-generation designs. Our customers also benefit from state-of-the-art manufacturing from the global production network of our parent company, NEC Electronics Corporation. Additionally, NEC Electronics (Europe) GmbH is the exclusive European sales and marketing channel of LCD modules from NEC LCD Technologies Ltd. For more information please visit <http://www.eu.necel.com>.

About NEC LCD Technologies, Ltd.

NEC LCD Technologies, Ltd. is one of the world's leading providers of high-quality, innovative, active-matrix liquid crystal display (AM-LCDs) modules for the industrial and high-end monitor markets. The company focuses its development on three core technology areas: ultra-wide viewing angle SFT technology with high luminance and fast response; transfective NLT technology; and adaptive design technology that meet a variety of specialized needs for the flat panel display markets. NEC LCD Technologies' worldwide support includes sales and marketing affiliates NEC Electronics America, Inc. (www.am.necel.com) and NEC Electronics Europe (www.eu.necel.com) that offer specialized display solutions to their respective markets. NEC LCD Technologies employs approximately 1,200 people worldwide and offers one of the broadest product portfolios for the medical, factory automation, test and measurement, entertainment, kiosk, POS and ATM markets. Additional information can be found at <http://www.nec-lcd.com/en/index.html>

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ATTACHMENT 1
Main Specifications of the New 15.0-Inch LCD Module

Part number:	NL10276BC30-18C
Drive system:	Amorphous silicon TFT active matrix
Display area:	304.128mm x 228.096 mm Diagonal screen size of 15.0-inches (38cm)
Pixel:	1024(H) x 768(V) pixels
Pixel arrangement:	RGB vertical stripe
Pixel pitch:	0.297(H) x 0.297(V) mm
Display color:	16.77M colors
Luminance:	600cd/m ² (typ.)
Contrast ratio:	600:1 (typ.)
Viewing angle:	Vertical : Up 80 degrees, down 60 degrees Horizontal : Right 80 degrees, left 80 degrees (contrast ratio at over 10:1)
Response time:	18ms (typ.) (TON + TOFF: from 10% to 90%)
Interface:	LVDS (RGB 8 bits each)
Operating temperature:	-10 degrees C to + 70 degrees C
Storage temperature:	-20 degrees C to + 80 degrees C
Polarizer surface:	Clear + Antireflection
Module size:	326.5mm (typ.) x 253.5mm (typ.) x 17.0mm (max.)
Weight:	1300g (typ.)
Inverter:	Sold Separately (Recommended Inverter:150PW231)
Power supply voltage:	3.3V
Power consumption:	15.7 W (typ.) (Power dissipation of the inverter is not included.)

ATTACHMENT 2
Main Specifications of the New 12.1-Inch LCD Module

Part number:	NL10276BC24-13C
Drive system:	Amorphous silicon TFT active matrix
Display area:	245.76mm x 184.32 mm Diagonal screen size of 12.1-inches (31cm)
Pixel:	1024(H) x 768(V) pixels
Pixel arrangement:	RGB vertical stripe
Pixel pitch:	0.24(H) x 0.24(V) mm
Display color:	16.77M colors / 262K colors
Luminance:	400cd/m ² (typ.)
Contrast ratio:	600:1 (typ.)
Viewing angle:	Vertical : Up 45 degrees, down 55 degrees Horizontal : Right 70 degrees, left 70 degrees (contrast ratio at over 10:1)
Response time:	33ms (typ.) (TON + TOFF: from 10% to 90%)
Interface:	LVDS (RGB 8 bits each / 6 bits each)
Operating temperature:	-10 degrees C to + 70 degrees C
Storage temperature:	-20 degrees C to + 80 degrees C
Polarizer surface:	Clear + Antireflection
Module size:	280.0mm (typ.) x 210.0mm (typ.) x 13.7mm (max.)
Weight:	755g (typ.)
Inverter:	Sold Separately (Recommended Inverter:121PW181)
Power supply voltage:	3.3V
Power consumption:	7.0 W (typ.) (Power dissipation of the inverter is not included.)

ATTACHMENT 3
Main Specifications of the New 10.4-Inch LCD Module

Part number:	NL6448BC33-63C
Drive system:	Amorphous silicon TFT active matrix
Display area:	211.2mm x 158.4 mm Diagonal screen size of 10.4-inches (26cm)
Pixel:	640(H) x 480(V) pixels
Pixel arrangement:	RGB vertical stripe
Pixel pitch:	0.33(H) x 0.33(V) mm
Display color:	16.77M colors / 262K colors
Luminance:	450cd/m ² (typ.)
Contrast ratio:	600:1 (typ.)
Viewing angle:	Vertical : Up 80 degrees, down 60 degrees Horizontal : Right 80 degrees, left 80 degrees (contrast ratio at over 10:1)
Response time:	25ms (typ.) (TON + TOFF: from 10% to 90%)
Interface:	LVDS (RGB 8 bits each / 6 bits each)
Operating temperature:	-20 degrees C to + 70 degrees C
Storage temperature:	-30 degrees C to + 80 degrees C
Polarizer surface:	Clear + Antireflection
Module size:	243.0mm (typ.) x 185.1mm (typ.) x 11.0mm (max.)
Weight:	475g (typ.)
Inverter:	Sold Separately (Recommended Inverter:104PW201)
Power supply voltage:	3.3V
Power consumption:	6.2W (typ.) (Power dissipation of the inverter is not included.)

ATTACHMENT 4
Main Specifications of the New 10.4-Inch LCD Module

Part number:	NL6448BC33-64C
Drive system:	Amorphous silicon TFT active matrix
Display area:	211.2mm x 158.4 mm Diagonal screen size of 10.4-inches (26cm)
Pixel:	640(H) x 480(V) pixels
Pixel arrangement:	RGB vertical stripe
Pixel pitch:	0.33(H) x 0.33(V) mm
Display color:	262K colors
Luminance:	450cd/m ² (typ.)
Contrast ratio:	600:1 (typ.)
Viewing angle:	Vertical : Up 80 degrees, down 60 degrees Horizontal : Right 80 degrees, left 80 degrees (contrast ratio at over 10:1)
Response time:	25ms (typ.) (TON + TOFF: from 10% to 90%)
Interface:	CMOS (RGB 6 bits each)
Operating temperature:	-20 degrees C to + 70 degrees C
Storage temperature:	-30 degrees C to + 80 degrees C
Polarizer surface:	Clear + Antireflection
Module size:	243.0mm (typ.) x 185.1mm (typ.) x 11.0mm (max.)
Weight:	475g (typ.)
Inverter:	Sold Separately (Recommended Inverter:104PW201)
Power supply voltage:	3.3V / 5.0V
Power consumption:	6.2W (typ.) (Power dissipation of the inverter is not included.)

Note:

Please note that the press release and other information in this file may be out of date on observation. Please refer to other parts of NEC LCD Technologies' website for more current information.