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# Press Release

Editorial contact:  
Charles Birkhead – Macrovision, Inc.  
(215) 348-1010 | [charles@macrovis.com](mailto:charles@macrovis.com)

## **TIANMA NLT USA ANNOUNCES 5.5-INCH TFT-HD AMOLED WITH ON-CELL TOUCH TECHNOLOGY**

**CHINO, CA, May 19, 2016** – [Tianma NLT USA](http://www.tianma.com) has announced a 5.5-inch TFT-HD (720 x 1280) with On-Cell Touch AMOLED display developed by Tianma Micro-electronics. It is used in mobile phones and other portable electronic devices to achieve high contrast, wide viewing angles and integrated touch sensor into the cell.

The new module enhances display image quality and touch screen performance using AMOLED and On-Cell Touch Technologies. On-Cell Touch is a recently developed technology in which the touch sensors are integrated into the color filter (CF) layer inside the cell.

Because the touch sensors are inside the cell, the overall mechanical thickness of the display panel is reduced. AMOLED technology is used to achieve higher contrast and wider viewing angles while reducing the overall display thickness because AMOLED technology does not require a separate backlight unit as an LCD does. The structure also reduces cost and enhances the optical property of the display.

This is the first AMOLED product from Tianma, currently scheduled for mass production in 2016. Additional AMOLED modules will be coming soon. Design specifications are available upon request.

The module will be on display at [SID Display Week](http://www.sidshow.com), May 24-26, San Francisco, CA in booth 905. For more information, contact Tianma NLT USA, Inc., 13949 Central Ave., Chino, CA 91710. 909-590-5833. [info@tianma.com](mailto:info@tianma.com); [usa.tianma.com](http://usa.tianma.com)

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**Tianma NLT USA, Inc.**

[usa.tianma.com](http://usa.tianma.com)

**E-mail: [info@tianma.com](mailto:info@tianma.com)**

**Headquarters:**  
13949 Central Ave., Chino, CA 91710  
Telephone: (909) 590-5833

**Northern CA Office:**  
2801 Scott Blvd., Santa Clara, CA 95050  
Telephone: (408) 816-7029



*The new 5.5-inch TFT-HD with On-Cell Touch AMOLED display achieves high contrast and wide viewing angles while reducing display thickness.*

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#### **About Tianma NLT USA, Inc.**

Tianma NLT USA has been established to be the leading provider of small to medium size display solutions to the Americas utilizing cutting edge technologies from Tianma Micro-electronics and NLT Technologies Ltd., coupled with the manufacturing resources of the Tianma Group. Applications include smartphones, tablet PCs, industrial and medical instrumentation, wearables, home automation, household appliances, office equipment, and automotive and rear seat entertainment devices, as well as test and measurement systems, instrumentation equipment, point-of-sale and ATM systems, gaming systems, global positioning systems, radio-frequency identification devices and barcode scanners.

Technologies include TFT, LTPS-TFT, Oxide-TFT, AM-OLED, flexible, transparent, 3D, PCAP and In-cell/On-cell integrated touch technology. With a network of best-in-class distributors and value-added partners, Tianma NLT USA provides complete display module solutions for a broad base of customers and applications. The range of display features offered includes ultra-high resolutions, wide temperature ranges, high contrast ratios, rich color gamut, backward compatibility, LED backlights, high bright and transfective viewing for use in diverse lighting environments.

*The content in this press release, including, but not limited to, product prices and specifications, is based on the information as of the date indicated on the document, but may be subject to change without prior notice.*

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**Tianma NLT USA, Inc.**

[usa.tianma.com](http://usa.tianma.com)

**E-mail: [info@tianma.com](mailto:info@tianma.com)**

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