Tianma NLT USA Announces LCDs from Tianma Micro-Electronics that Achieve 847 PPI in True 4K2K Smartphone and 8K4K Tablet Displays

Ultra-high resolution and performance in 5.2” and 10.4” models

Chino, CA (PRWEB) May 17, 2016 -- Tianma NLT USA has announced two new displays introduced by Tianma Micro-electronics Co. that achieve ground-breaking pixel pitch performance of 847 PPI. The new 5.2” and 10.4” units, with real 4K2K and 8K4K resolution, bring never-before-seen performance and clarity to popular smartphone and tablet display sizes. Tianma is currently exhibiting the demonstration units at Display Week 2016, Booth 905, San Francisco, California, May 24-26.

Tianma based the new 5.2” 4K2K and 10.4” 8K4K displays on LTPS (Low Temperature PolySilicon) construction, and achieved the sharp picture quality and 1200:1 (5.2”) contrast ratio by the use of negative liquid crystal technology. With the ultra-high resolution and performance of the 5.2” and 10.4” displays, these products are well placed to spearhead display innovations in applications such as smartphone, tablet, 3D, holographic technology, medical products, and even military.

“Currently, the top performing displays can reach around 600 PPI, or even 700 PPI,” said Lu Do, Director of Marketing, Tianma NLT USA. “We’ve pushed the boundaries of design and process limitations in TFT, CF material, and cell processes to achieve 847 PPI.”

Tianma NLT USA expects this new 4K2K/8K4K technology to be commercially available by the middle of 2016. For more information, contact Tianma NLT USA, Inc., 13949 Central Ave., Chino, CA 91710. 909-590-5833. info@tianma.com; usa.tianma.com

The new 5.2” 4K2K Smartphone and 10.4” 8K4K Tablet LCDs are being exhibited at Display Week 2016 in San Francisco, California, May 24-26, in Booth 905. And on Wednesday, May 25, there will be a symposium session, “A Novel Pixel Structure for an 847-ppi Display with LTPS Technology” by Yangzhao Ma, Xiamen Tianma Micro-electronics Co. Ltd., Xiamen, China. This will be held from 3:30 to 4:50 p.m. in Room 130.

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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 transflective 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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